581.95
Gri/ICO
54793

00054793

00054793

Digitized with financial assistance from the
Government of Maharashtra
on 23 March, 2016

POSTHUMOUS PAPERS

BEQUEATHED TO

THE HONORABLE THE EAST INDIA COMPANY,

AND

PRINTED BY ORDER OF THE GOVERNMENT OF BENGAL.

1449

ICONES PLANTARUM ASIATICARUM.

Part I.

54793

DEVELOPMENT OF ORGANS

IN

PHANŒROGAMOUS PLANTS.

BY THE LATE

WILLIAM GRIFFITH, ESQ., F.L.S.,

MEMBER OF THE IMPERIAL ACADEMY NATURÆ CURIOSORUM AT BONN: CORRESPONDING MEMBER OF THE ROYAL BOTANICAL SOCIETY OF RATISBON, OF THE ROYAL ACADEMIES OF SCIENCE AT TURIN AND CHRISTIANA, HORTICULTURAL AND ENTOMOLOGICAL SOCIETIES, AND SOCIETY OF ARTS, LONDON: MEMBER AND FOR SOMETIME VICE-PRESIDENT OF THE AGRI-HORTICULTURAL SOCIETY OF INDIA.

Assistant Surgeon on the Madras Establishment; and a shorttime Officiating Superintendent of the Honorable Company's Botanic Garden, Calcutta, and subsequently Civil Assistant Surgeon, Malacca.

ARRANGED

BY JOHN M'CLELLAND, F.L.S.,

Surgeon, Bengal Service.

Calcutta:

BISHOP'S COLLEGE PRESS.

1847.

V
581.95
Gri/eco
54793

ICONES PLANTARUM ASIATICARUM.

List of Plates.

PART I.

DEVELOPMENT OF THE FLOWER, Etc.

	Plate	Notulæ page
Æginetia,	62	253
Agati,	33	79
Anagalis,	33	81
Apocynum cristatum,	58	229
Adenostemma,	46	187
Allantoidia,	57	216
Aristolochia labiosa,	10 & 11	25
Amherstia nobilis,	17 to 19	37
Artabotrys odoratissimus,	57	216
Araliæ,	59	222
Arum orixense,	50	198
Bauhinia diphylla,	58 & 59	227
Barclaya,	57	208
Bruguiera gymnorhiza,	59	230
Bursera serrata,	59	221
Cactus,	38	106
Calosanthes,	39	90
Calotropis,	39	103
Calotropis procera,	20 to 28	41
Celtis,	53	200
Chenopodium,	52	170
Clerodendrum,	30	79
Commelina,	49	195
Cruciferæ,	29	106
	30	108
	31	122
	62	251
Cordia,	30	77
Carissa carendas,	33	79
Cucurbita,	62	252
Curculigo,	34	87
Curcumæ,	34	87
	49	194
Cyathocline,	34	88
Crinum,	34	90
Cuscuta gigantea,	61	243
Daucus carota,	33	83

	Plate	Notulæ page
Dendrobium Dalhousianum,	5 to 7	10
Echinopsidæ,	33	82
Erythræa,	29	71
Escholtzia,	38	107
Euphorbia,	30	71
Ficus elastica,	59	230
Gramineæ,	33	84
Gmelina asiatica,	39	104
Gossypium,	51	162
Hydrocharis,	57	217
Hydrocotyle,	45	185
Hymenæa courbaril,	58	227
Hymenæa verrucosa,	60	225
Iris,	34	89
Impatiens tripetala,	45	186
Jussiæa,	34	87
Jonesia asoca,	1	2
Labiata,	33	83
Lonicera,	36	127
Lotoides,	34	82
Lithospermum,	34	82
Lindenbergia,	39	63, 102*
Limnanthes Douglasii,	34	91
Marica,	34	86
Martea begoniifolia,	45	185
Melia,	37	111
Medicago minima,	33	81
Melilotus albus,	29	78
Meycnia,	28	94, 95*
Michelia champaca,	58	229
Monstrosity of Sinapis,	35	124
„ of Goodyera,	41	130
„ of Melilotus,	42	127
„ of Melilotus officinalis,	43	130
Nandina domestica,	60	225
Nelumbium, impregnation of	55 & 56	210
Nepenthes distillatoria,	60	232
Nerium oleander,	33	83
Orchideæ,	32	110
Orobanche,	44	21, 73*
Pandanthus chinensis,	34	85
Passiflora incarnata alba,	58	227
Passiflora kermesina,	2 to 4	4
Papaveraceæ,	29	69*, 72, 96
Pitcairnia bromeliæfolia,	34	90
Potentilla,	34	82
Pharnaceum,	57	217
Piper,	46	188
Polygonum,	47	189
Poinciana,	38	105
Pontederia,	34	89
Poinciana regia,	59	222
Pternandra coerulescens,	28	108
Ranunculus acris,	34	81
Roxburghia viridiflora,	12 to 16	31
„ Fruit of,	62	29

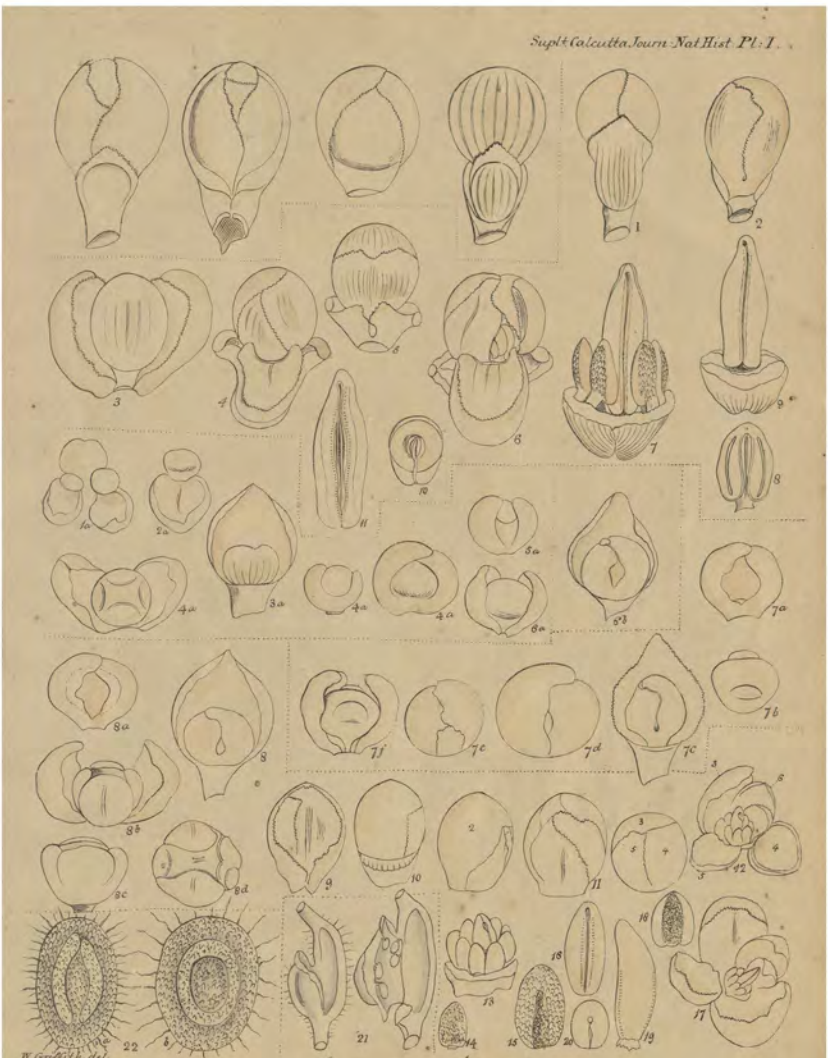
	Plate	Notulæ page
Ruelloid, ...	33 ..	82
Saccolabium guttatum, ...	8 & 9 ..	22
Sambucus, ...	47 ..	191
Scepaceæ, ...	54 ..	202
Siegesbeckia orientalis, ...	48 ..	193
Smilax, ...	59 ..	238
Sisyrinchium, ...	40 ..	116
Spilanthes, ...	48 ..	193
Spermacoce, ...	61 ..	196
Stigmata, ...	33 & 34 ..	74
Styrax, ...	47 ..	190
Swertia, ...	32 ..	110
Tacca pinnatifida, ...	34 ..	88
	28 ..	89
Thymelia, ...	46 ..	189
Veronica, ...	29 ..	78
Villarsia, ...	29 ..	88
Volkameria, ...	49 ..	194
Xanthium indicum, ...	48 ..	192
Zephyranthes, ...	34 ..	86

ERRATA.

Plate 28, for Calotropis gigantea, read *Calotropis procera*.

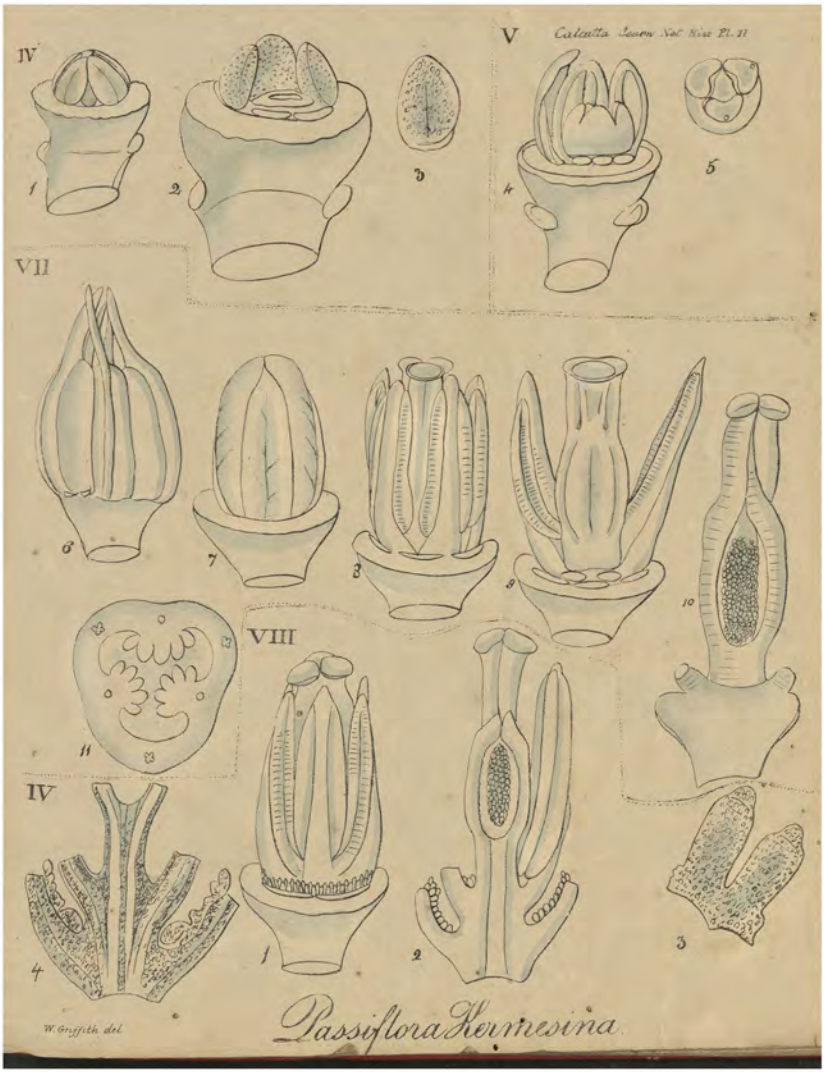
Plate 40, for Pardanthus chinensis, read *Sisyrinchium*.

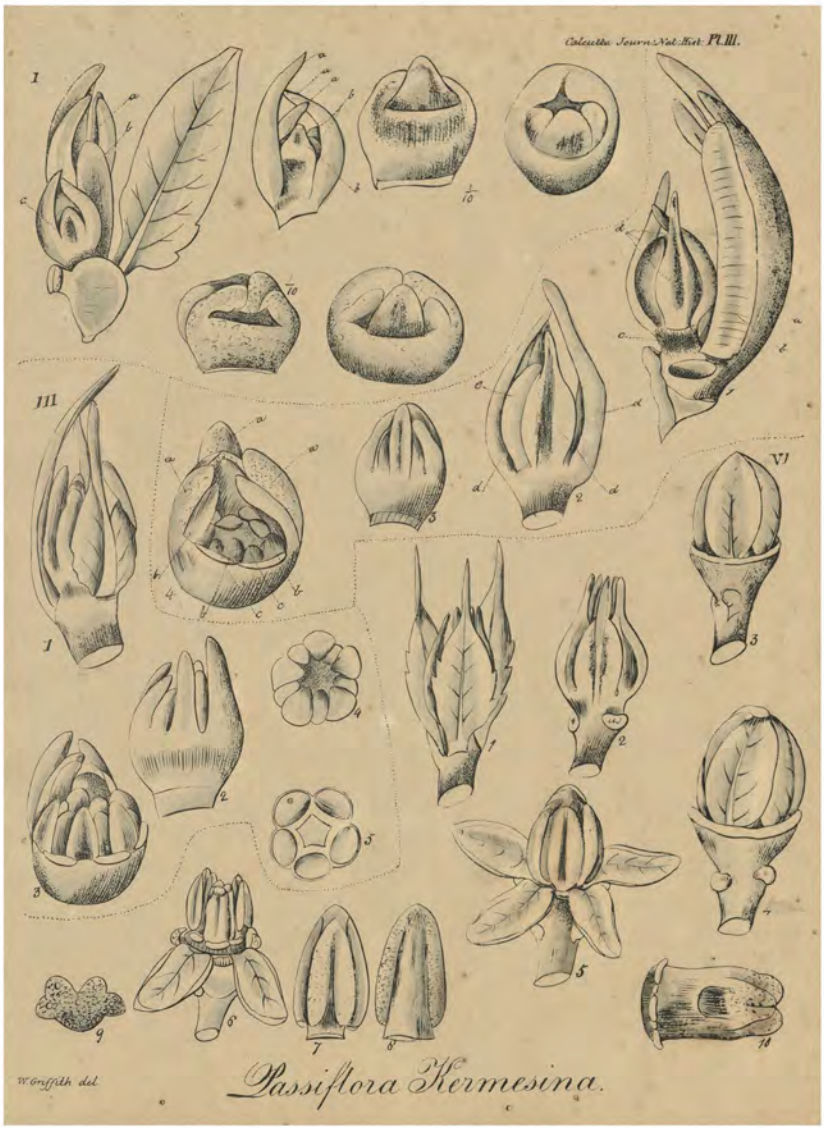
Note.—An error runs throughout the heading of the Plates, it having in the first instance been intended merely to publish selections from these papers in connection with the Calcutta Journal of Natural History, when it afterwards appeared more consistent with the liberality of the Government on the occasion, as well as the nature of the papers, to print them in a distinct form.

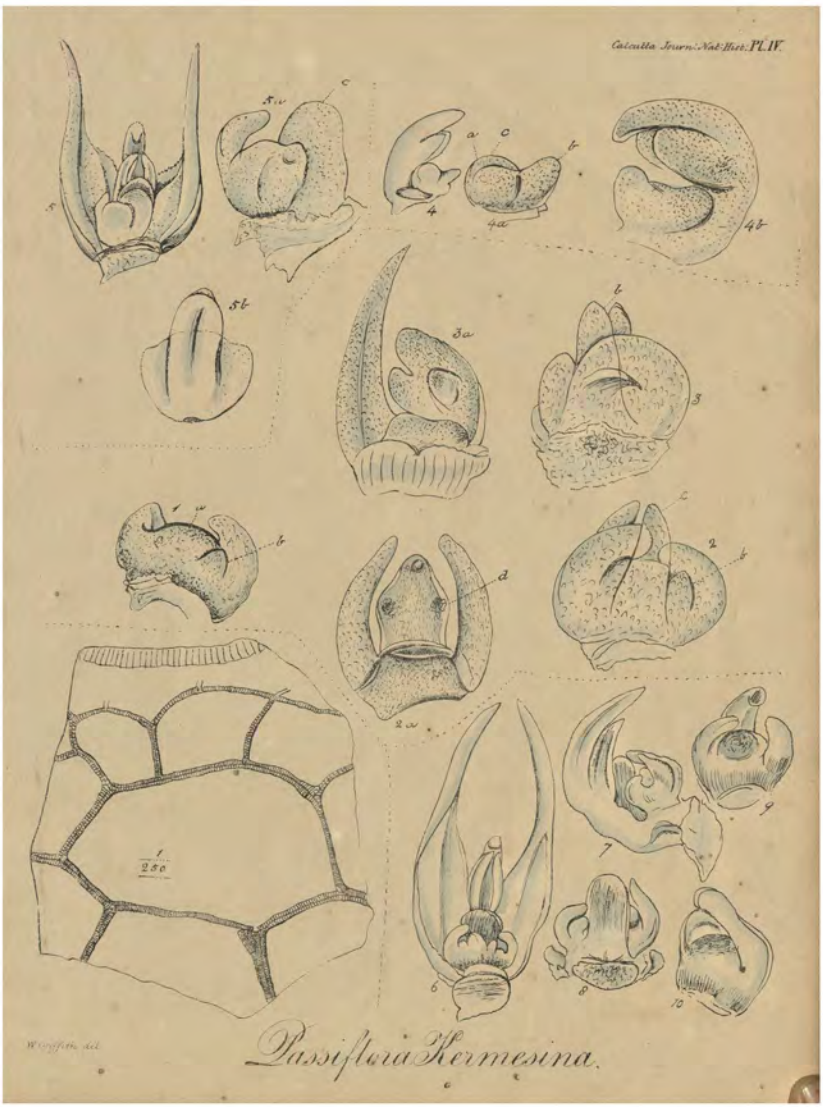


W. Griffith del.

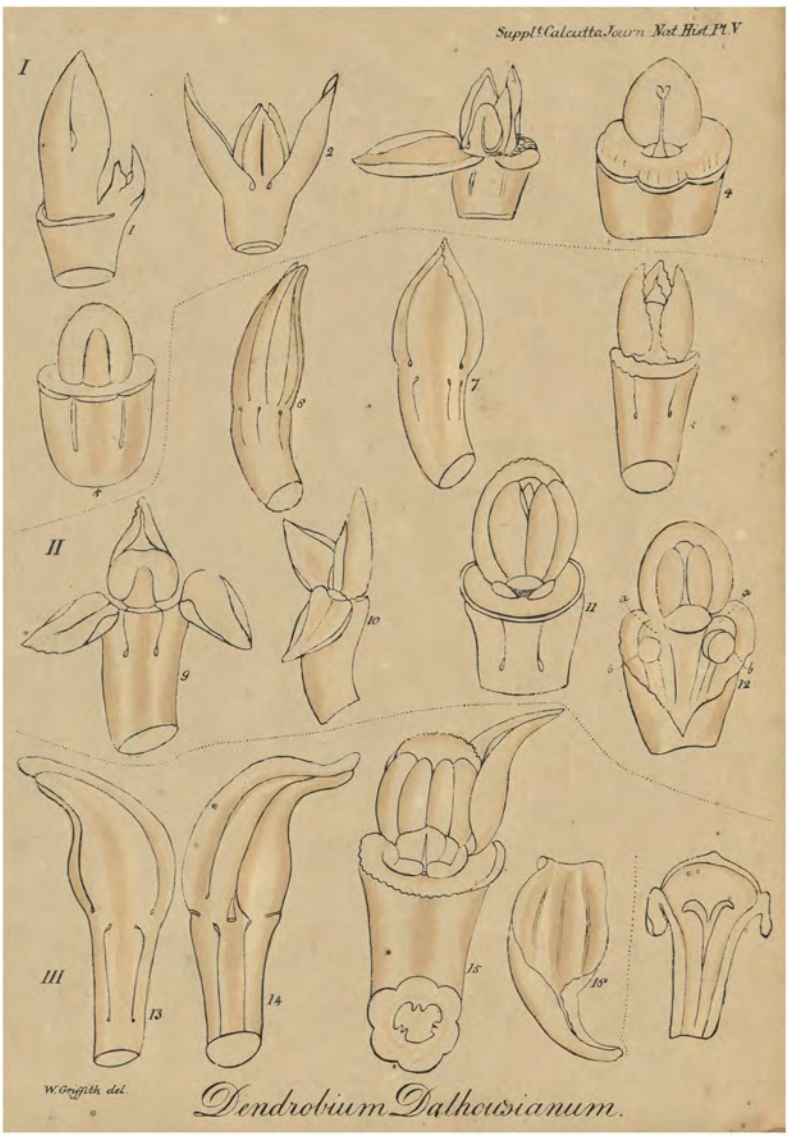
Jonesia Asoca


IV
1
2
3
V
Calcutta Journ. Nat. Hist. Pl. II
4
5
VII
6
7
8
9
10
11
VIII
1
2
3
IV
4
W. Griffith del.
Passiflora Hermesina

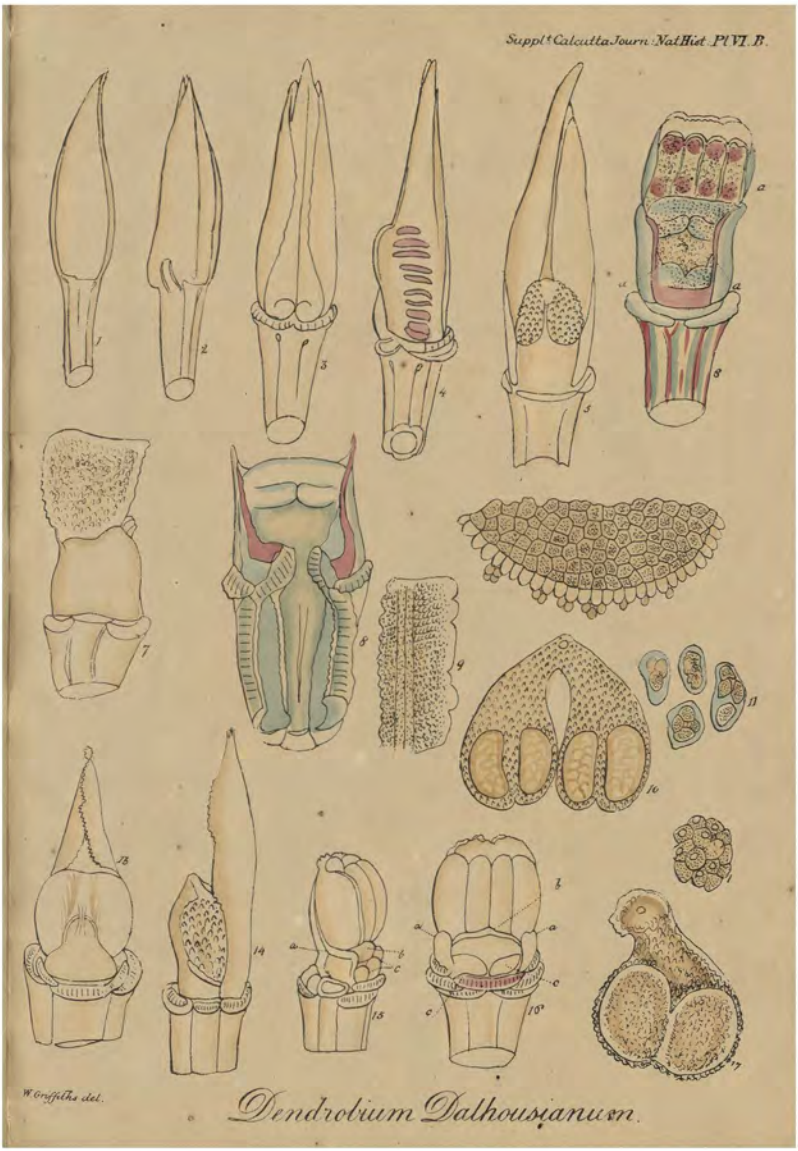

Calcutta Journ. Nat. Hist. Pl. III.
Passiflora Hermesina.
W. Griffith del.



Passiflora Kermesina.

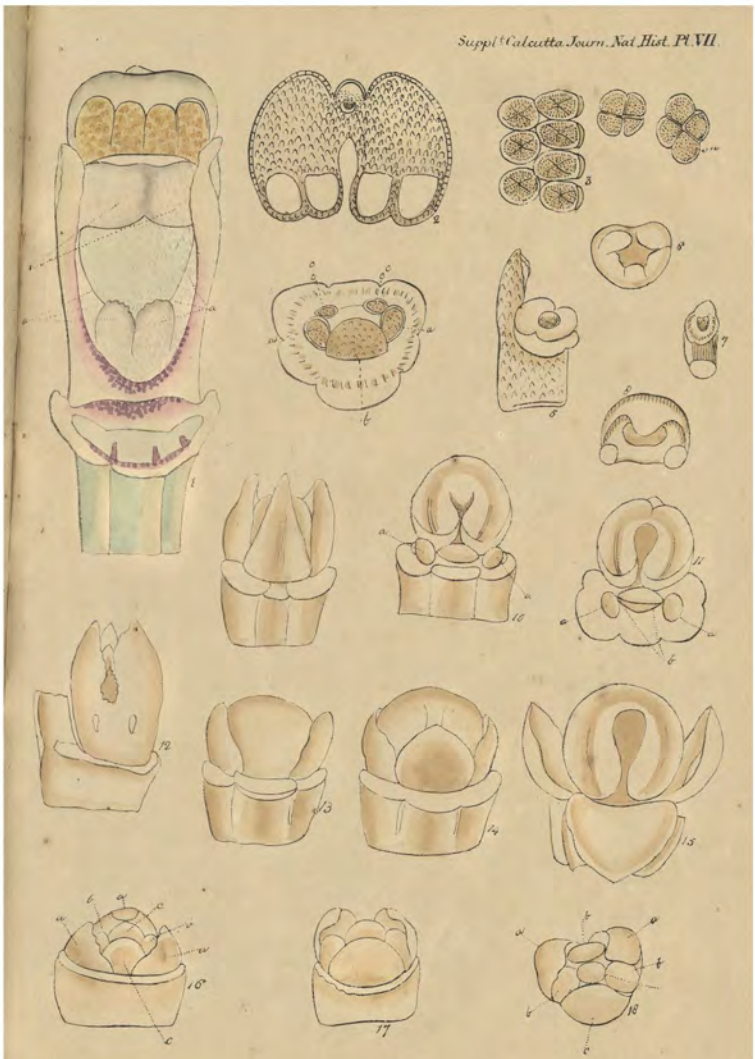


Dendrobium Dalhousianum.



W. Griffiths del.

Dendrobium Dalhousianum.



W. Griffith del.

Hen. Ces. Bot. Gard. April 1843

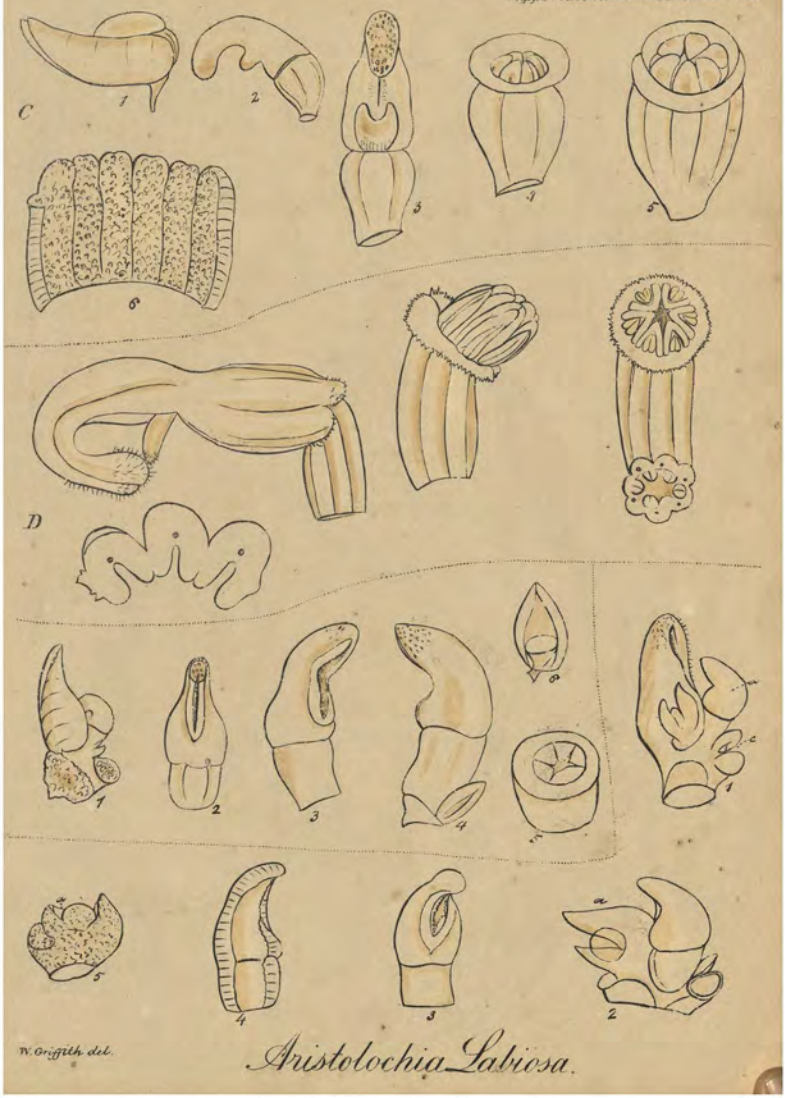
Dendrobium Dalhousianum.

W. Griffith del.

Saccolabium Guttatum

W. Griffith del. April 19th 1841

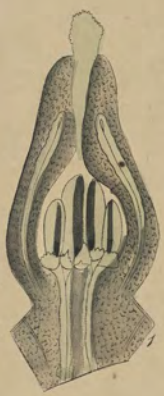
Saccolabium Gullatum.

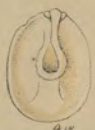


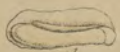
Aristolochia Labiosa.

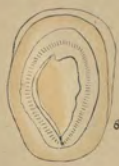
W. Griffith. del.

Aristolochia Labiosa.





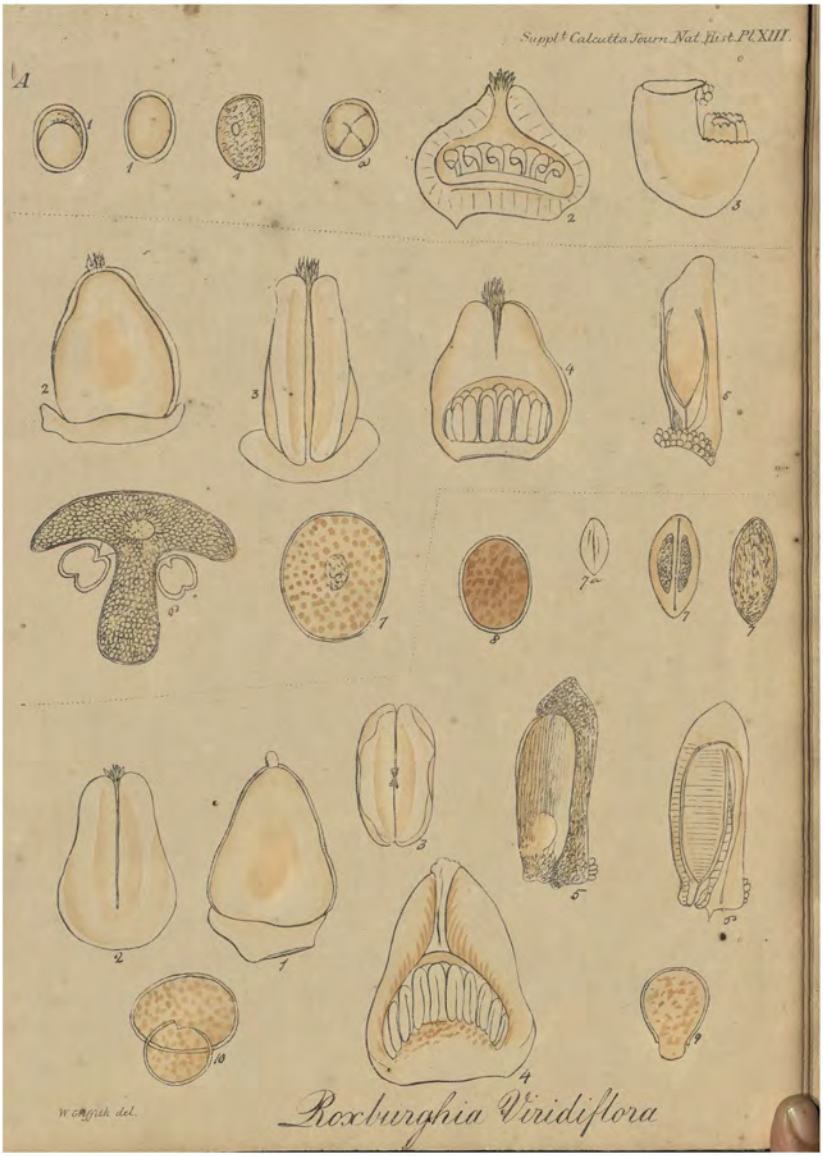




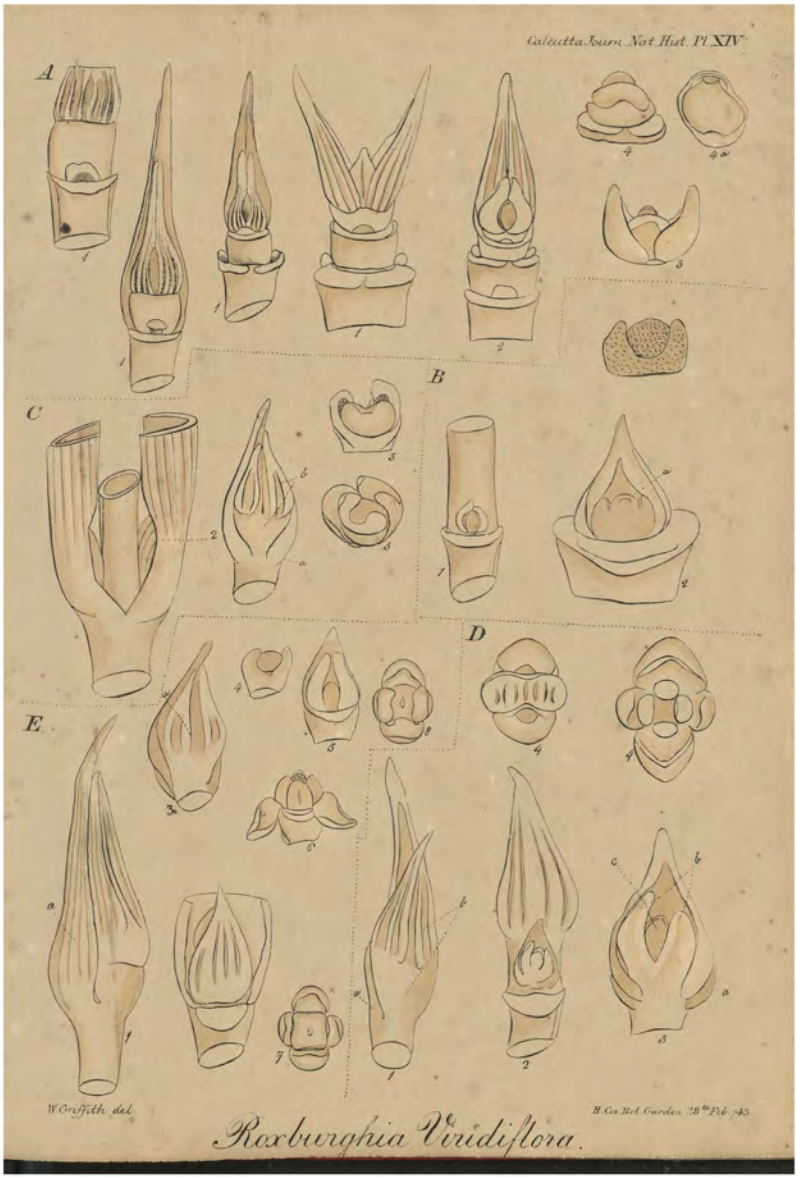
W. Griffith. del.

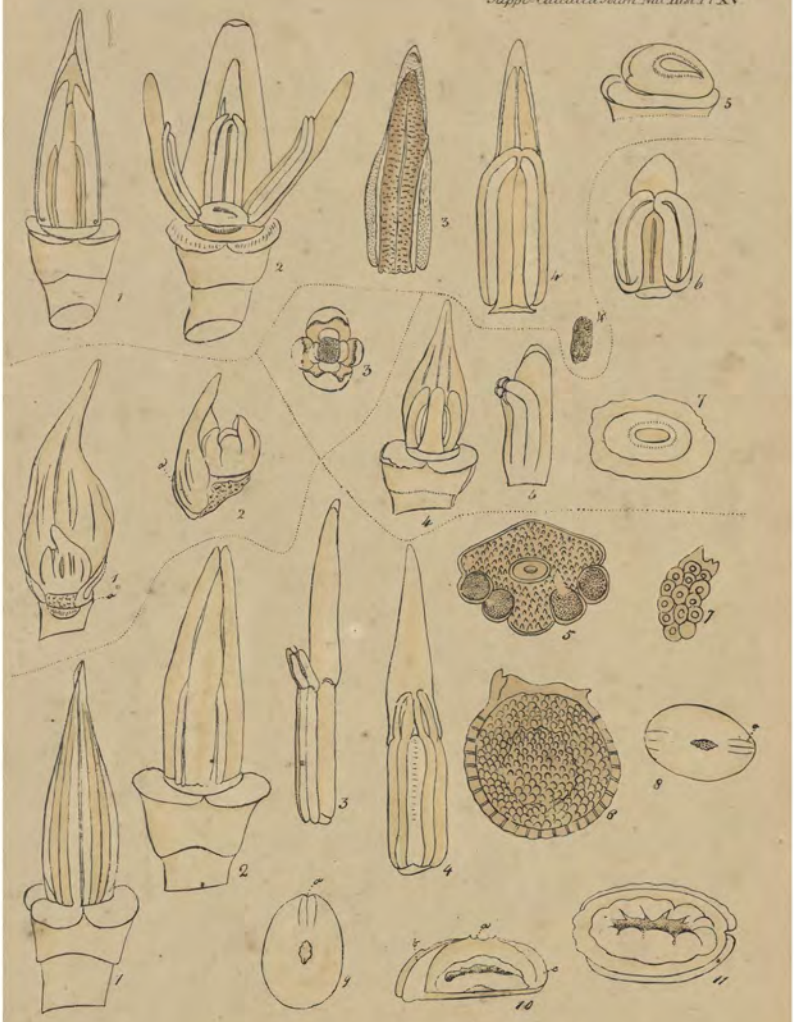
Bon. Co. Bot. Garden 28th Feb.y 1843.

Roxburghia Viridiflora.



Roxburghia Viridiflora


Calcutta Journ. Nat. Hist. Pl. XIV.
A
B
C
D
E
W. Griffith del.
H. Cox Bot. Garden 28th Feb. 43.
Roxburghia Viridiflora.



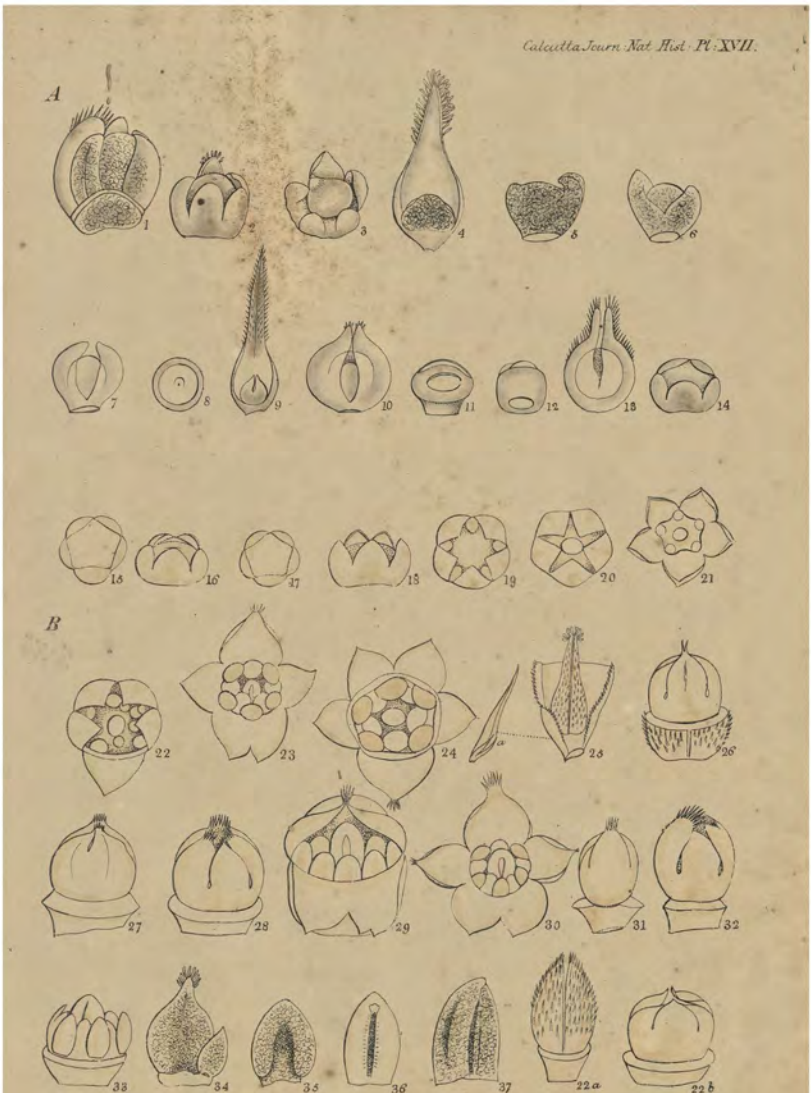
W. Griffith. del.

Roxburghia Viridiflora

W. Griffith del.

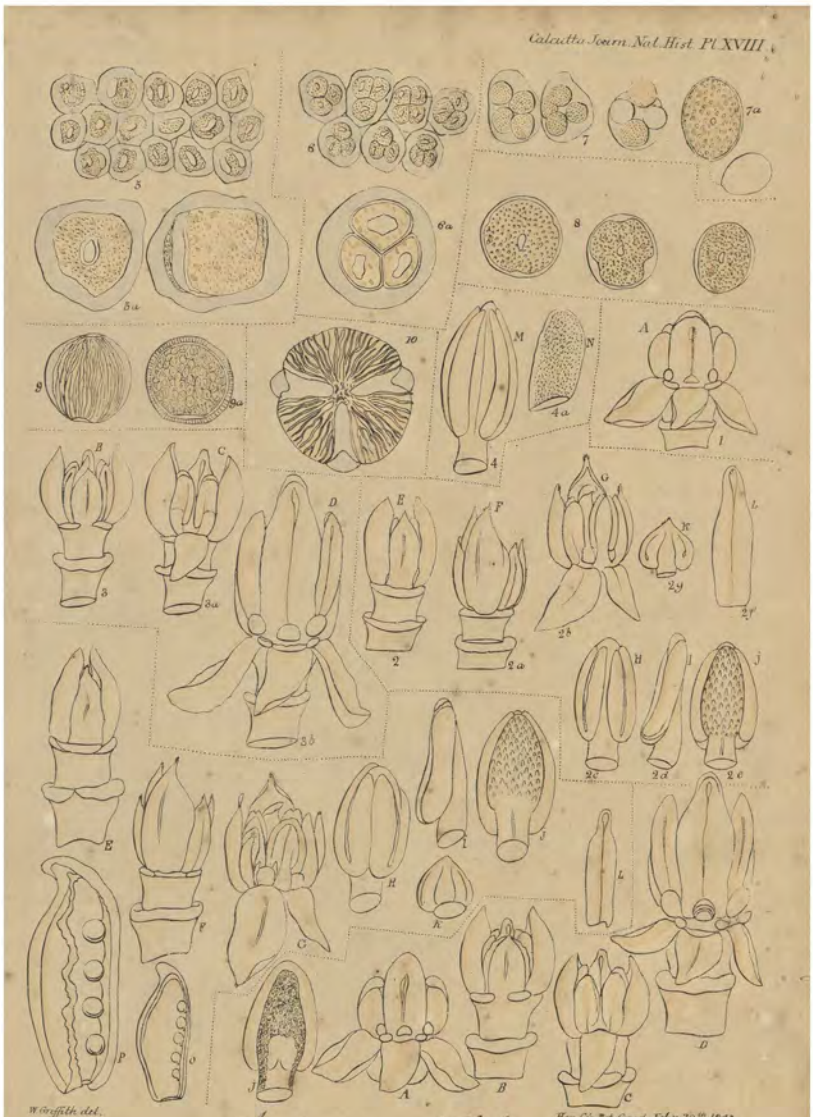
H. Cs. Bot. Garden. 27th Feb. 43.

Roxburghia Viridiflora.



W. Griffith. del.

Amherstia Nobilis.



W. Griffith del.

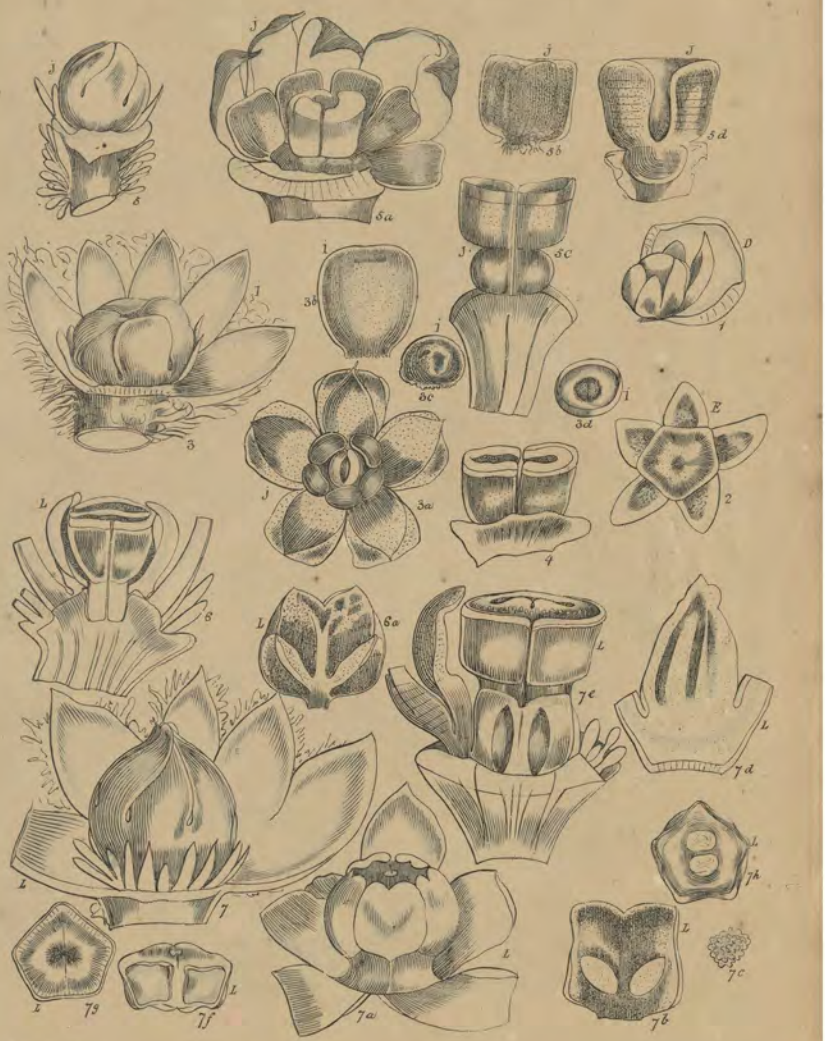
Hon. Co. Bot. Gard. Feby 20th 1843.

Amherstia Nobilis.

W. Griffith del.

Hon. Co. Bot. Gard. 21st Feb.y 1843.

Amherstia Nobilis.



W. Griffith. del. c

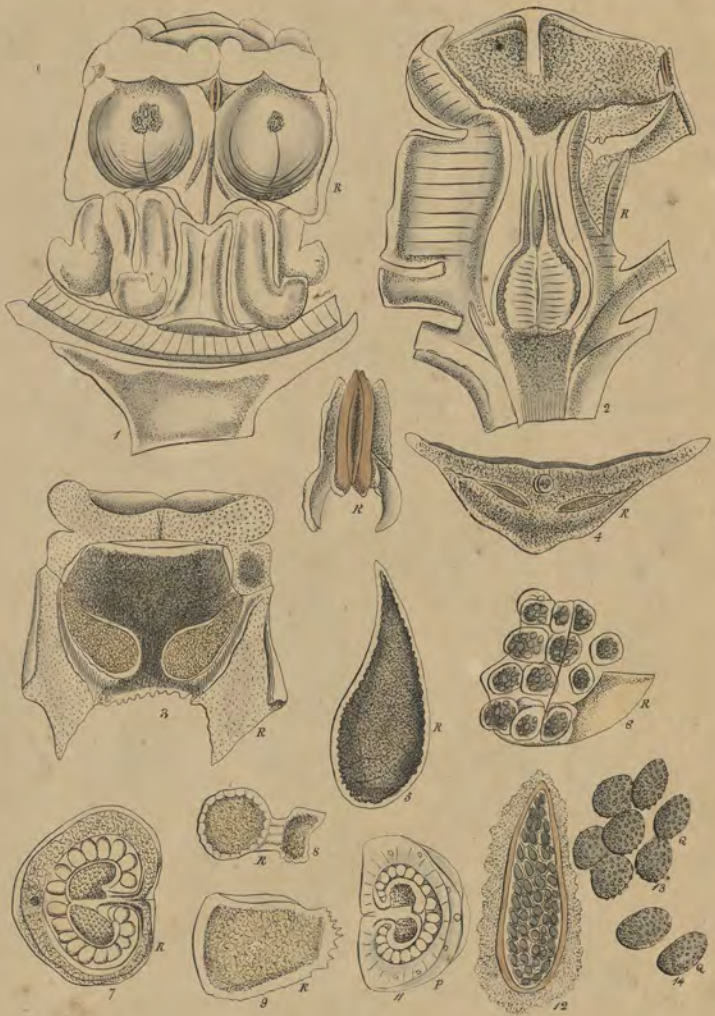
Calotropis procera

W. Griffith del.

Bengal Col. Dist. Guard. 10th April 1841

Calotropis procera.

Calotropis-procera



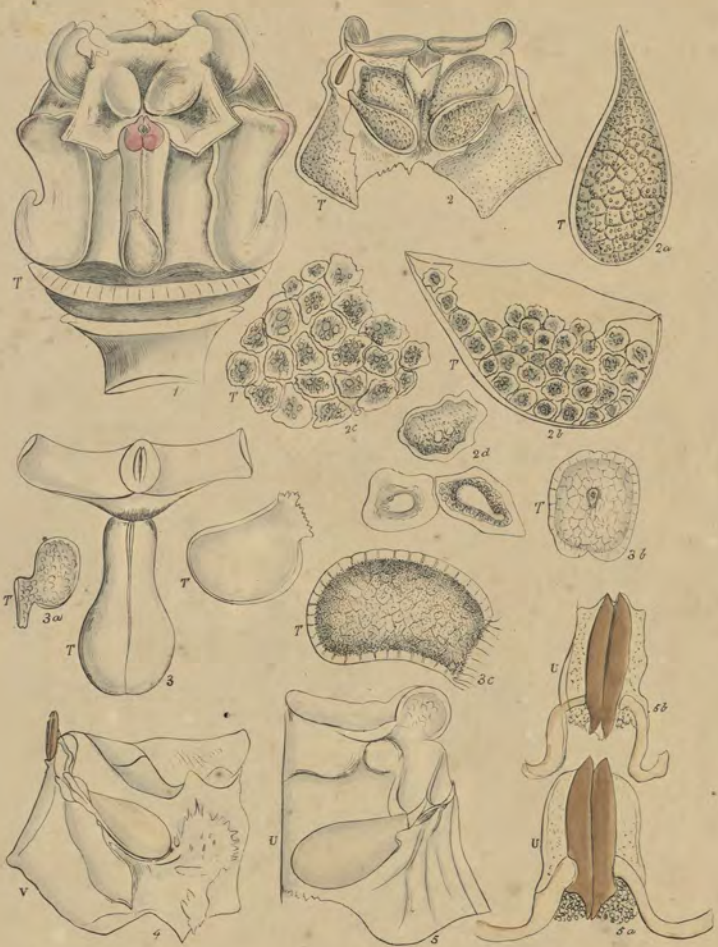
W. Griffith del.

Hon. Co. Bot. Gard. 11th April 1841.

Calotropis procera

W. Griffith. del.

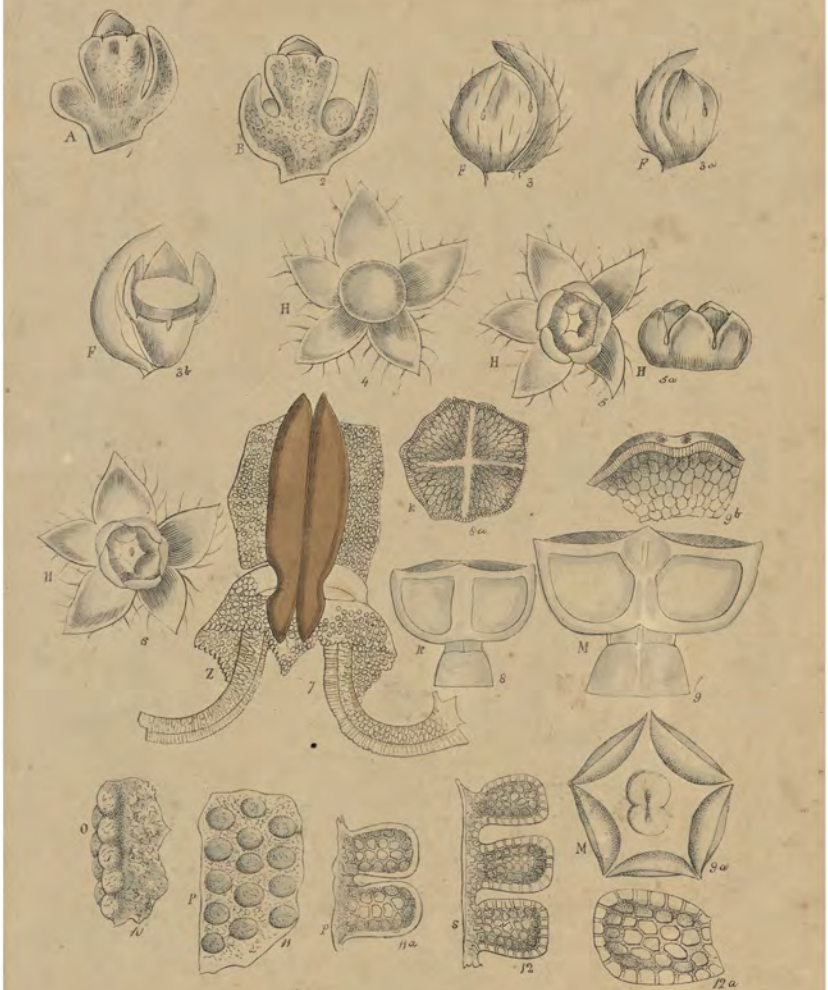
Calotropis procera.



W. Griffith del.

Hon. Co's Bot. Gard. 13th March 1841

Calotropis procera.

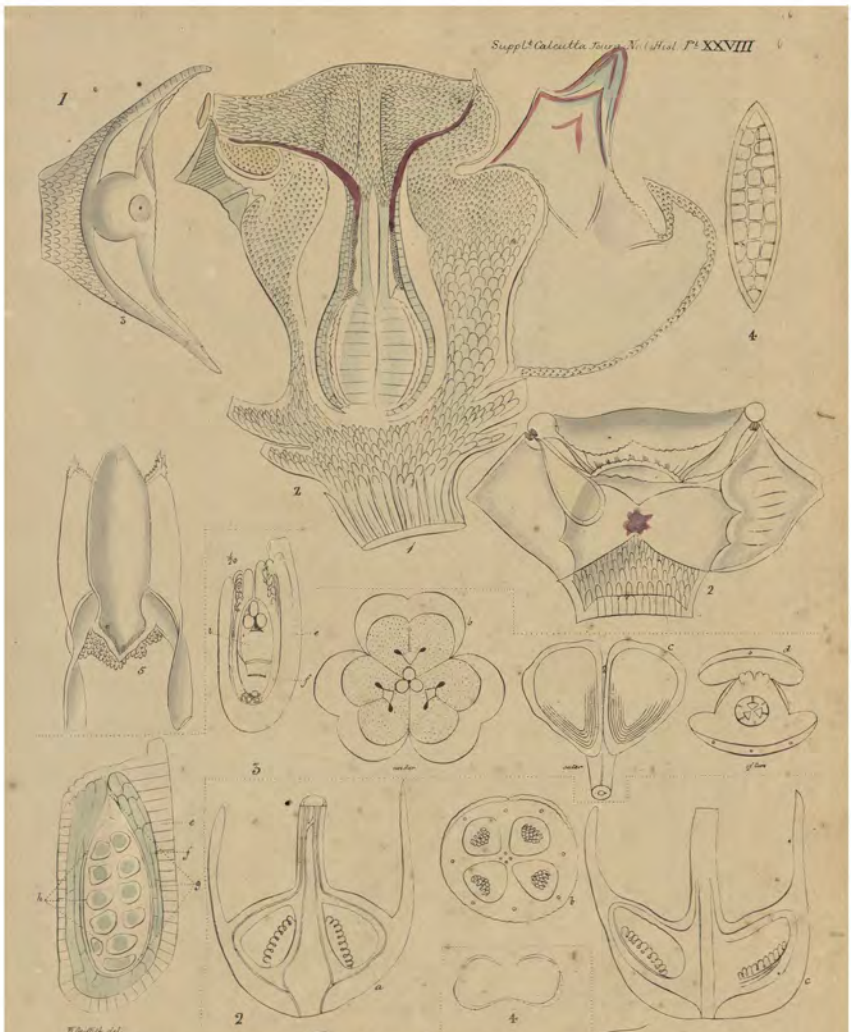


W. Griffith. del.

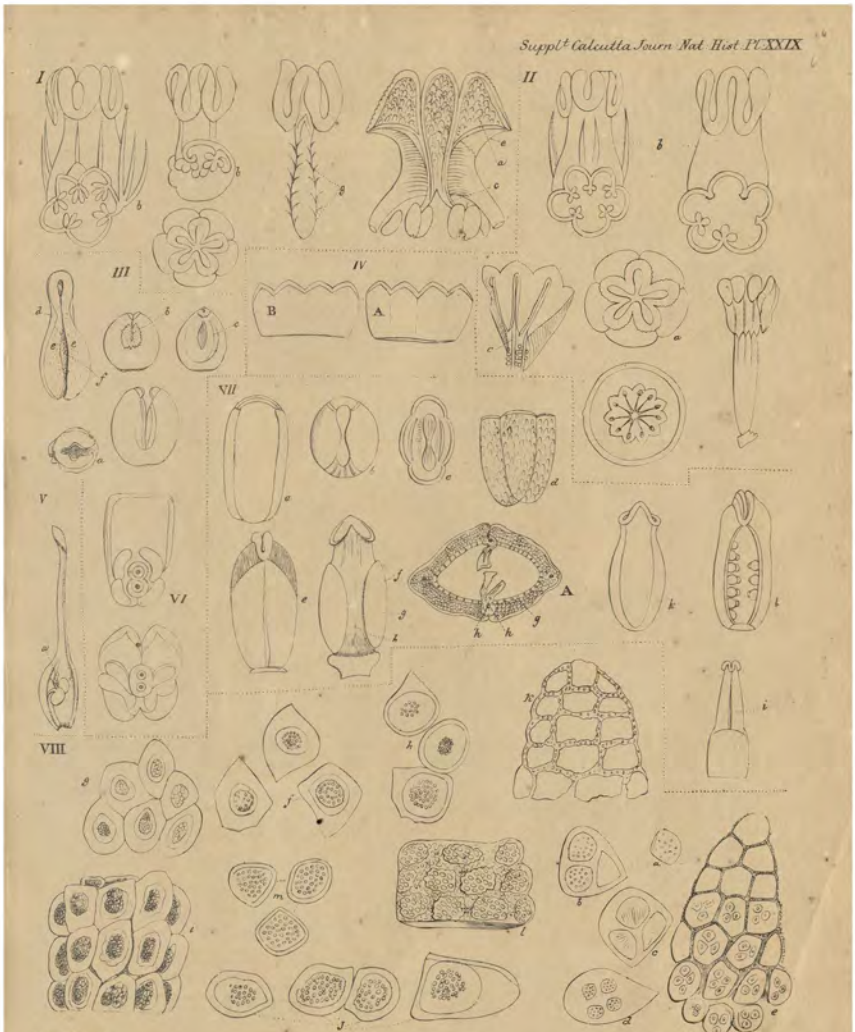
Calotropis procera.

W. Griffith del. April 19th 1841.

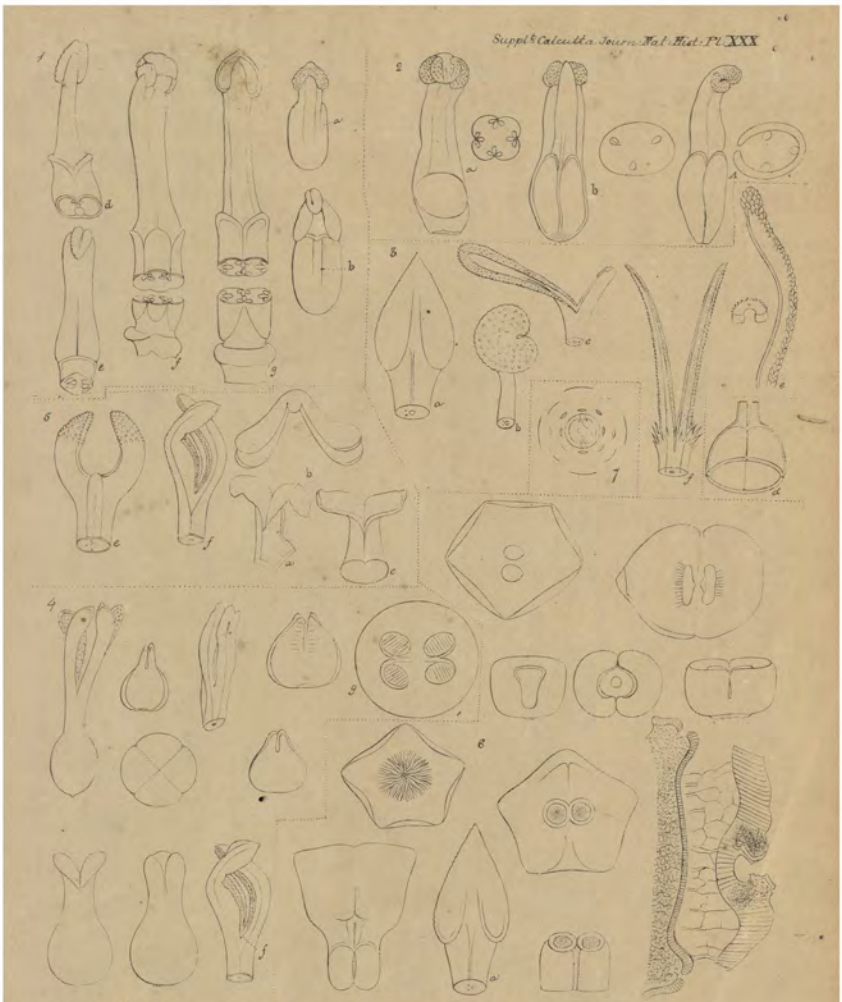
Calotropis procera



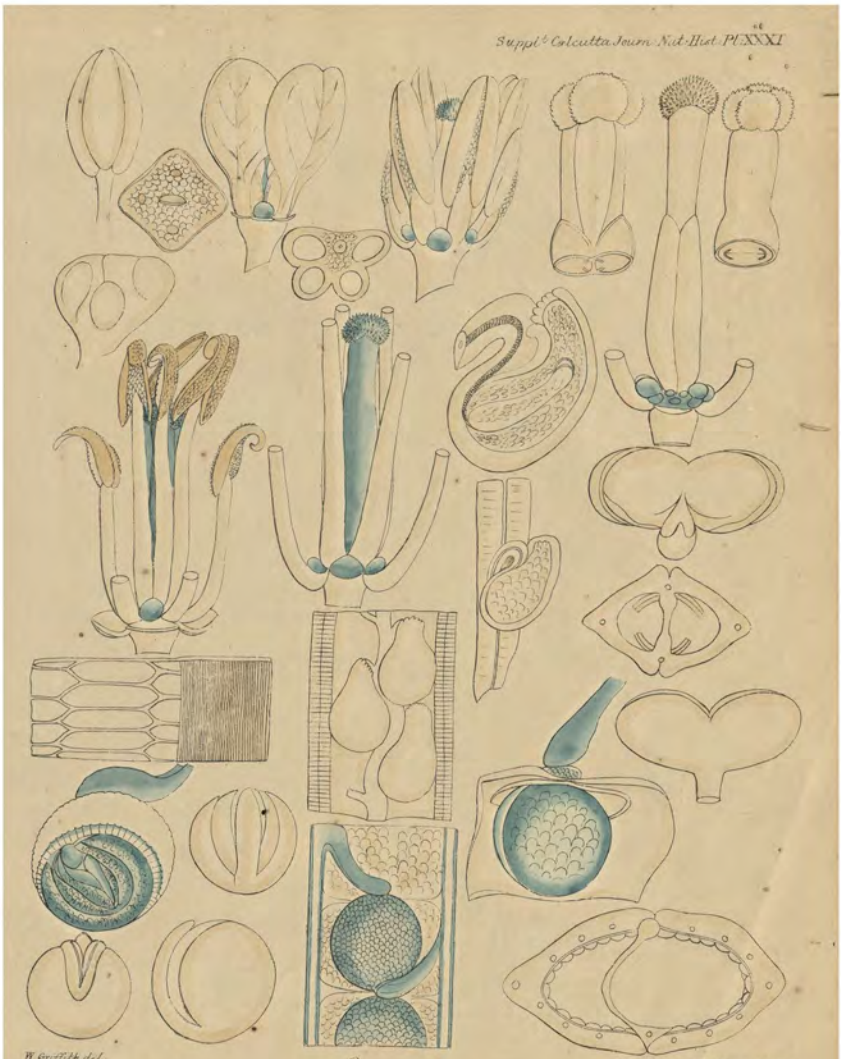
I Calotropis gigantea II Pernandra cærulescens III Tacca pinnatifida
IV Meyenia



I II IV *Papaverace* III *Erythraa* V *Melilotus* VI *Veronica* VII *Cruciferæ*.
VIII *Villarsia*.



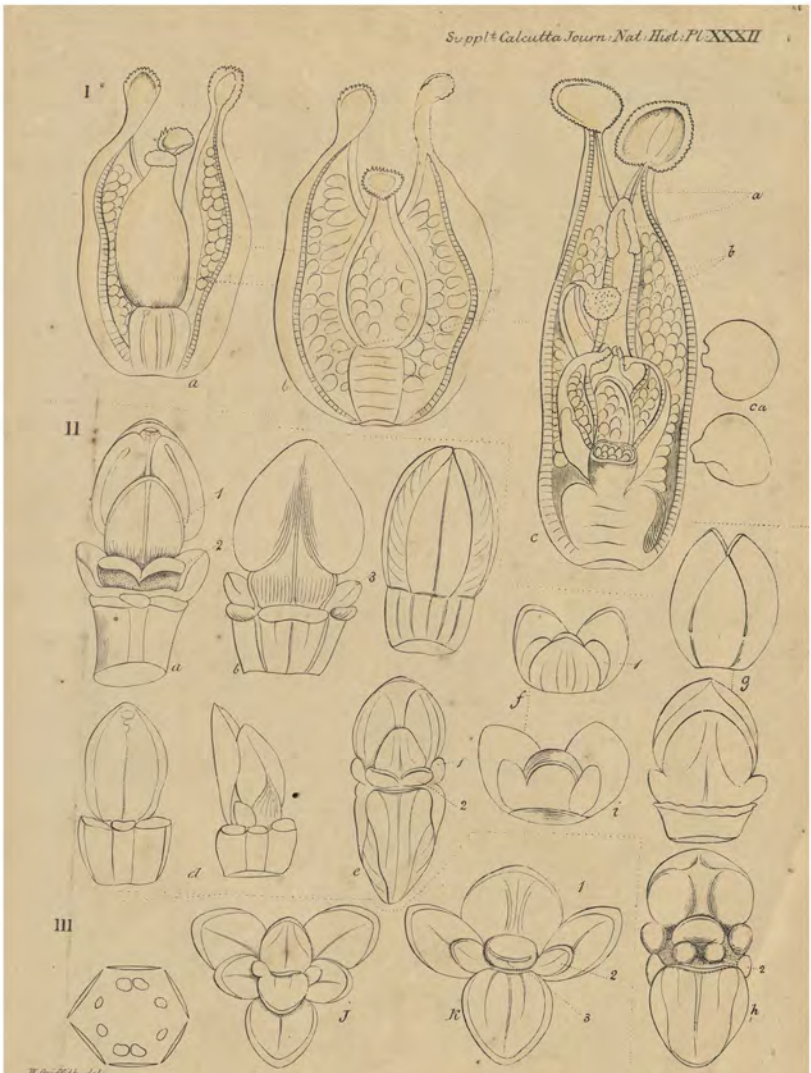
I. II. VII. *Cruciferæ*, V. *Bilobed styles*, III. *Linear stigmatic surfaces*
IV. *Cordia*, VI. *Clerodendrum*



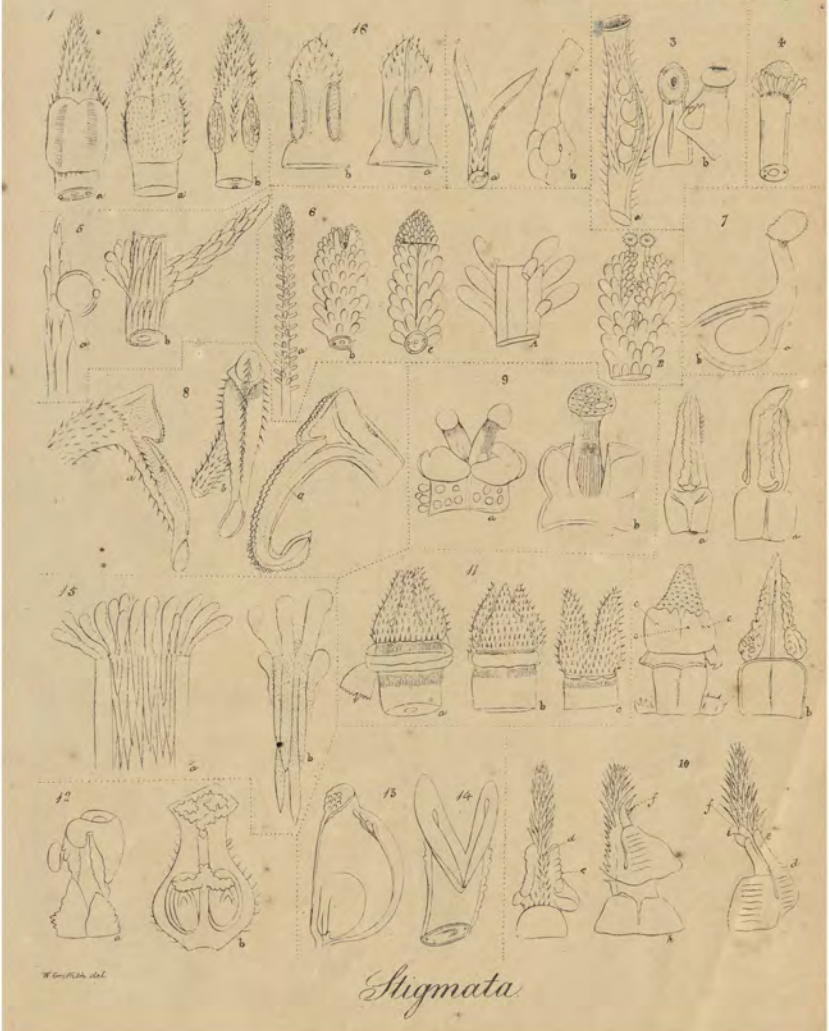
W. Griffith del.

Hon. Co. Bot. Gard. March 1.st 1836.

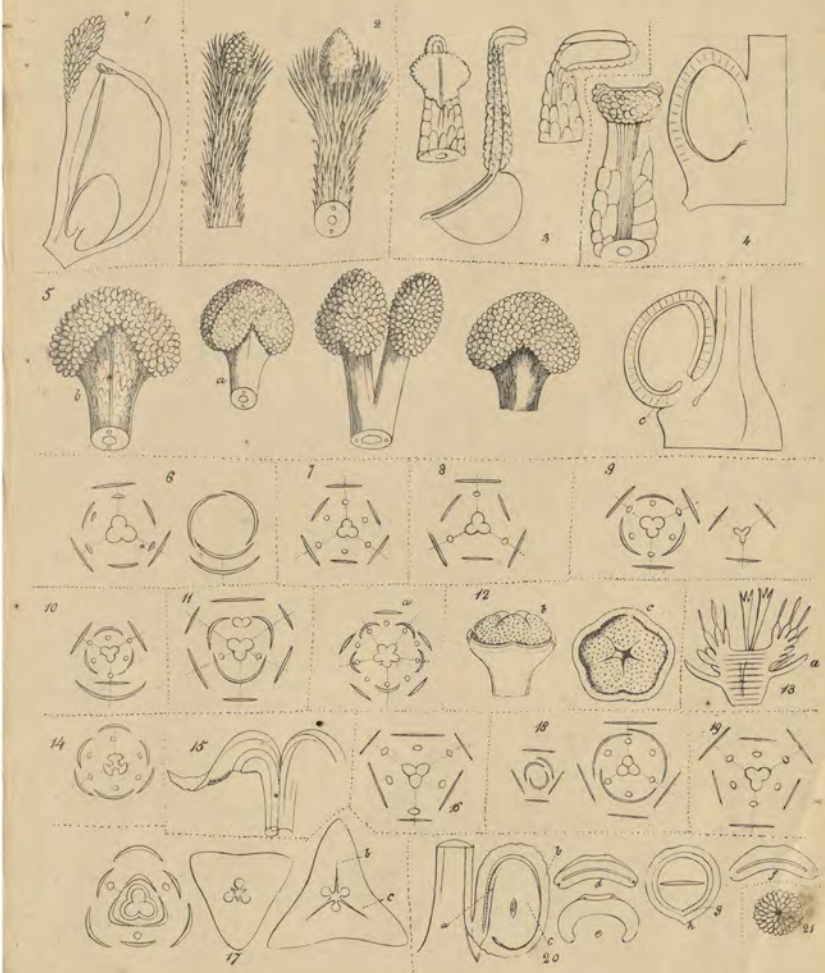
Cruciferæ



1 Swertia. II, III Orchideæ



Stigmata



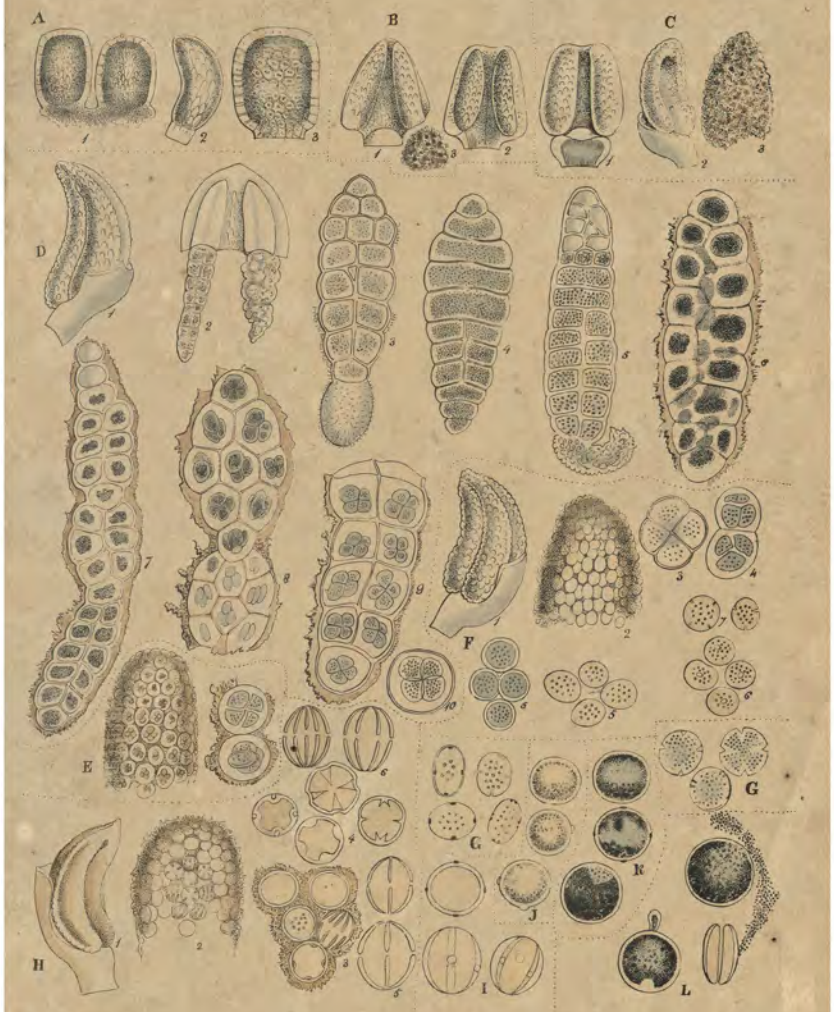
W. Griffith del.

Stigmata and other parts of the Flower.

Monstrosity of Sinapis.

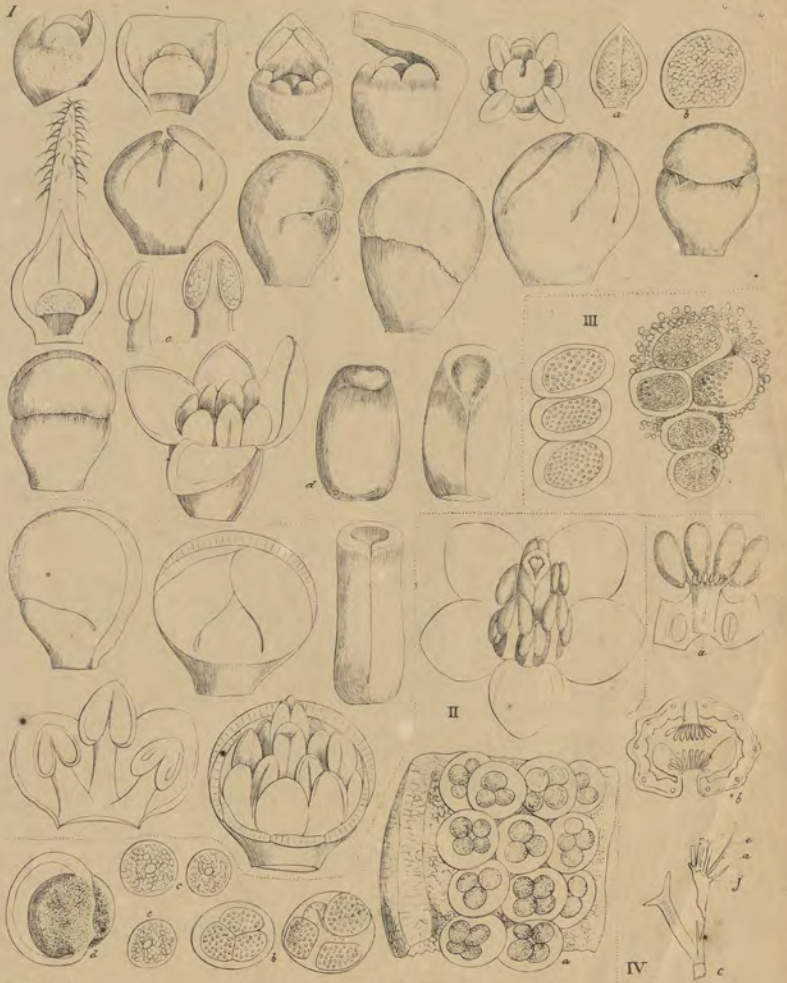
W. Griffith del.

Metamorphosis into Leaves of the Ovula of a Lonicera.



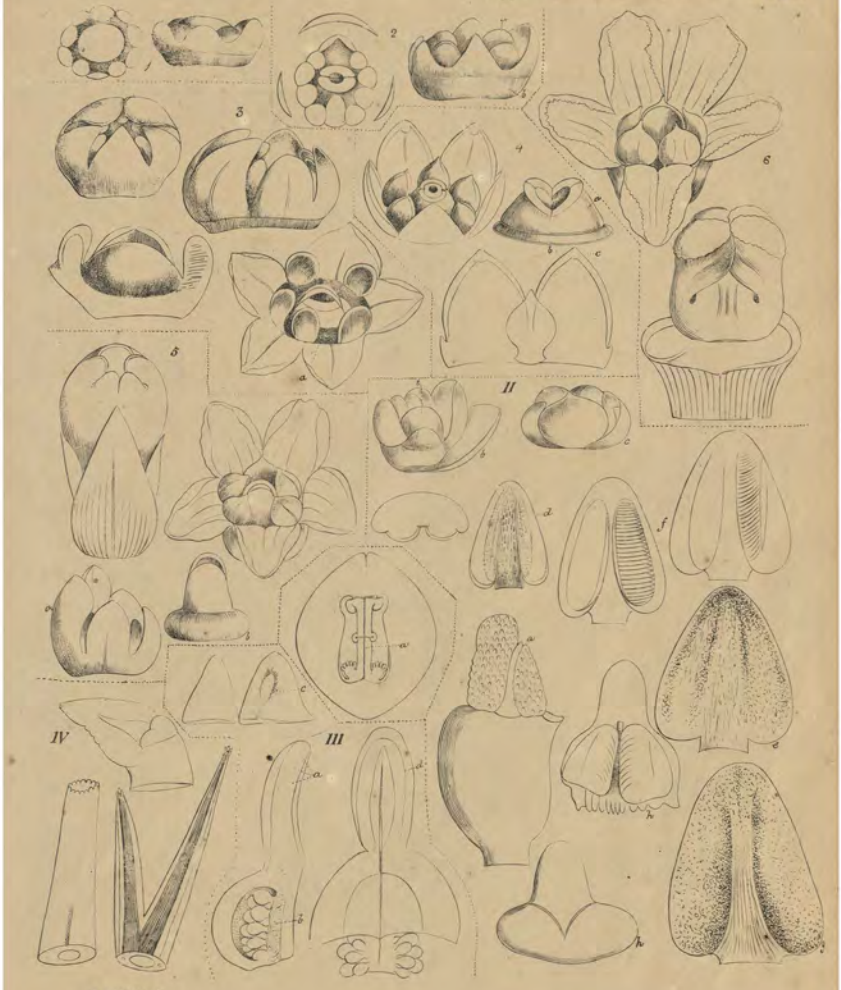
W. Griffith del.

Development of the Pollen of Melia.



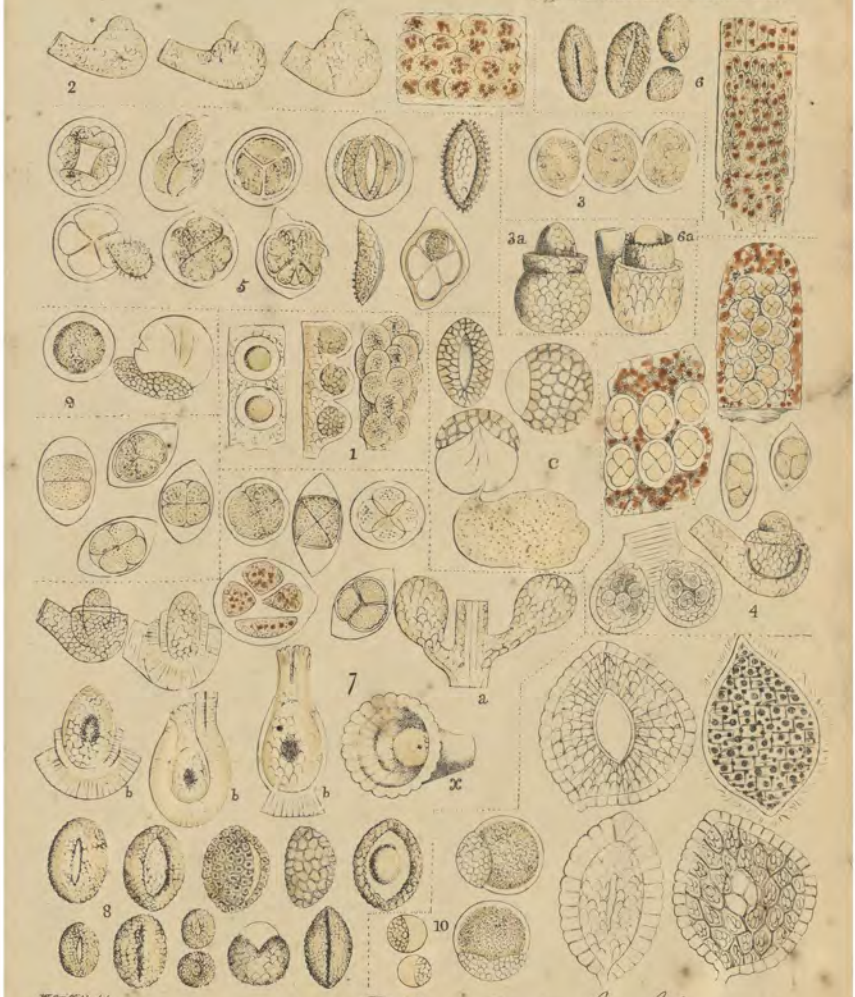
W. Griffith del.

I. II. Pounciana III Cactus. IV Escholtzia



W. Griffith del.

I Calosanthes II Calotropis III Lindenbergia



W. Griffith del.

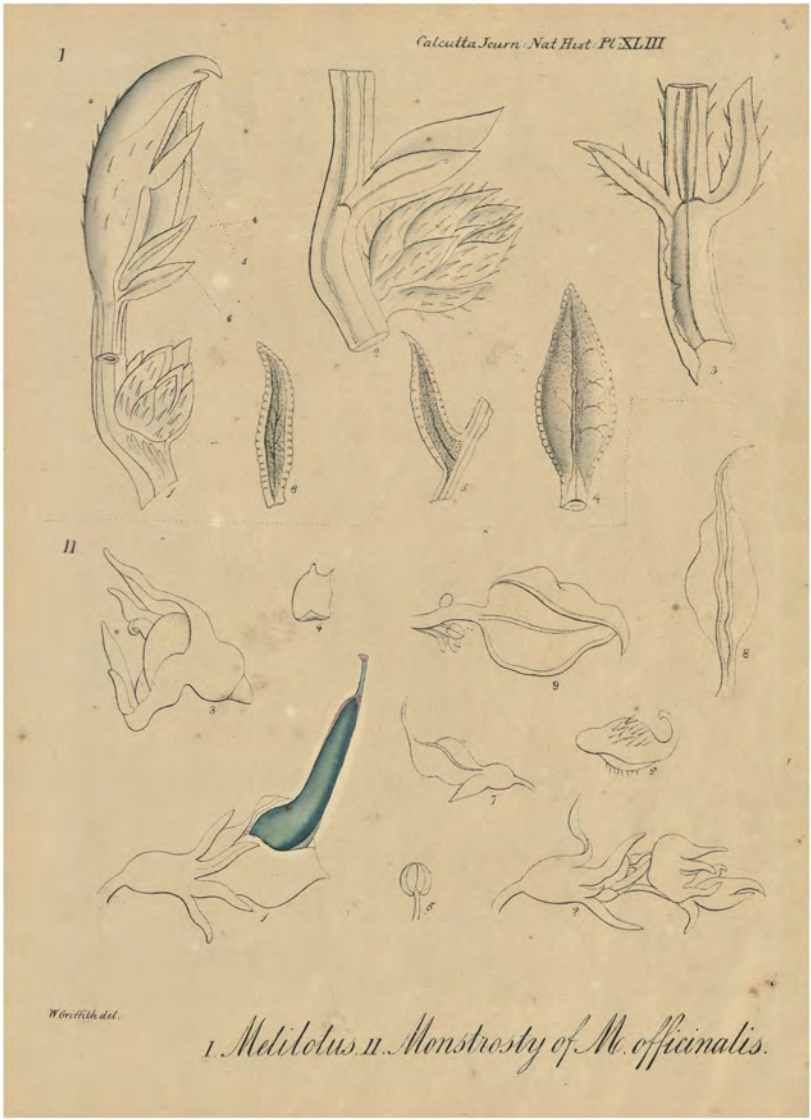
Development of the Pollen in Pardanthus Chinensis.

W. Griffith del.

Orchideæ Goodyera

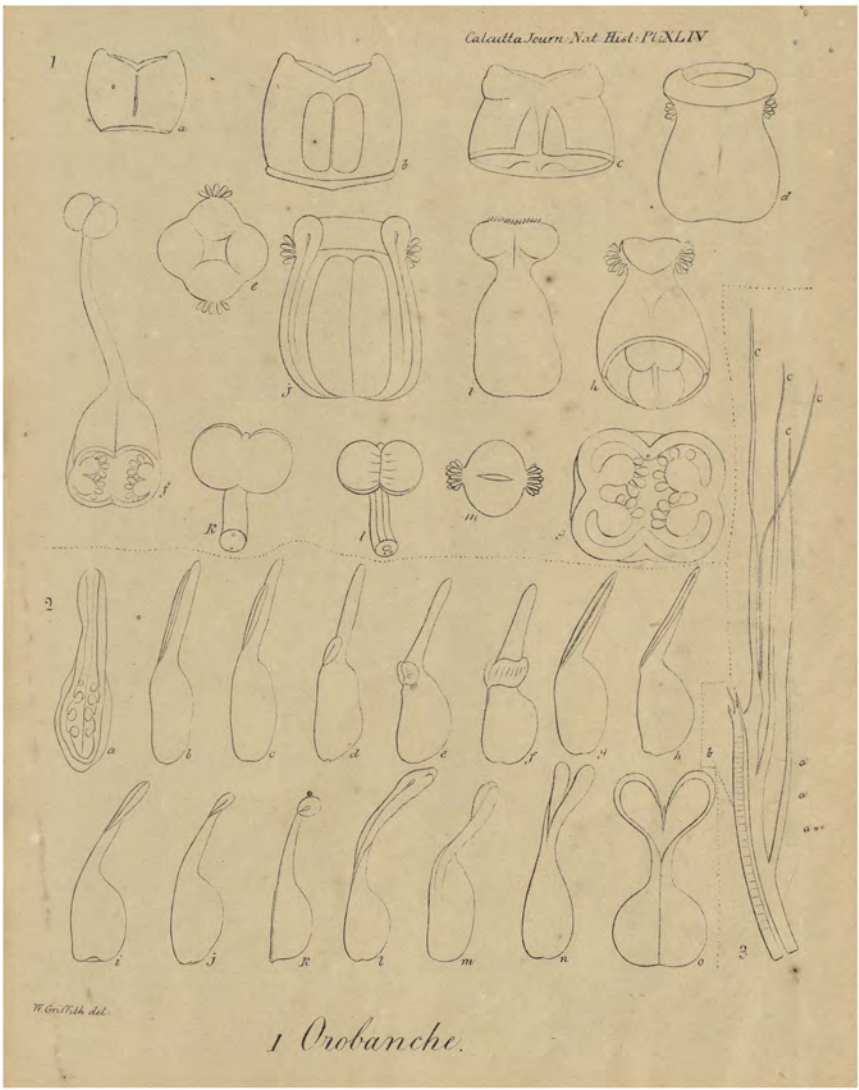
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
W. Griffith del.

Melilotus



W. Griffith del.

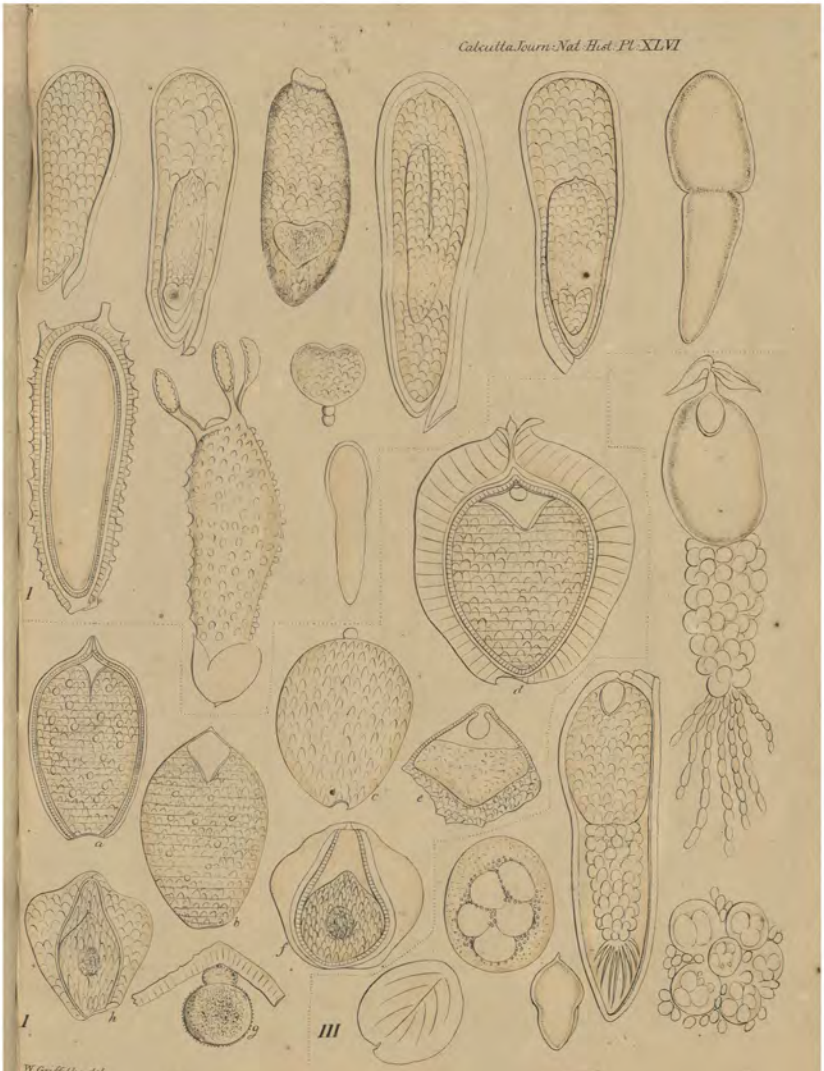
I. Melilotus. II. Monstrosity of M. officinalis.



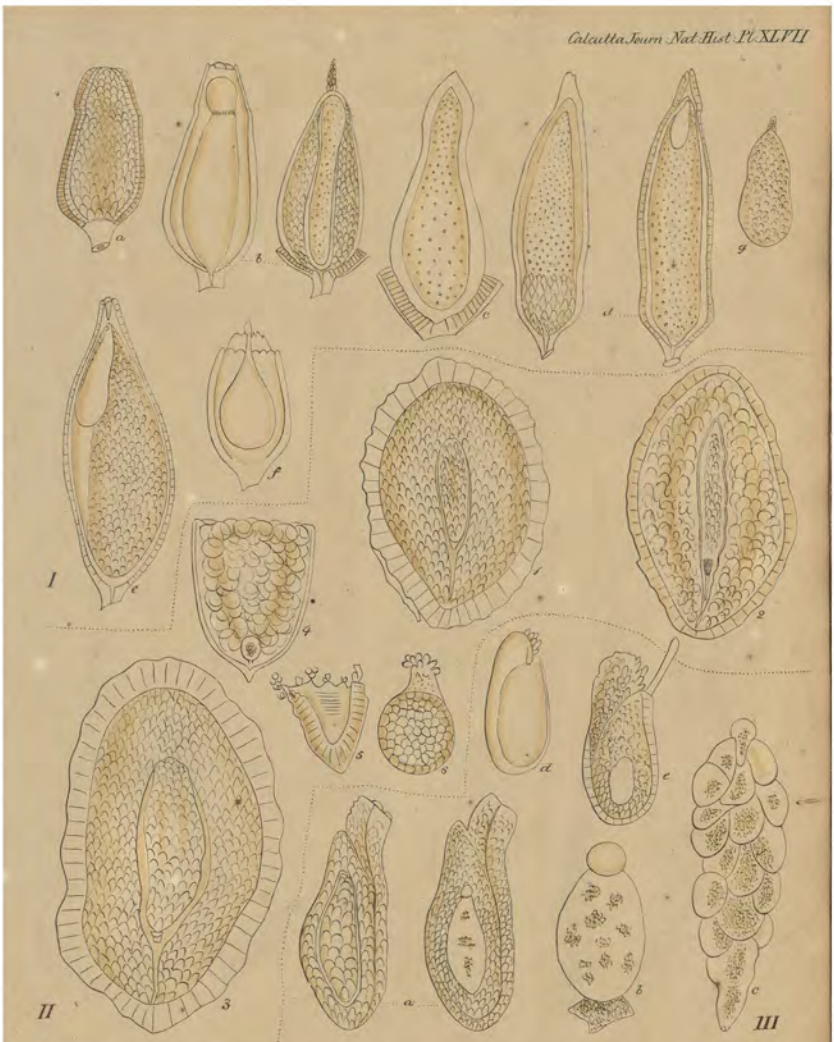
1 Orobanche.

W. Griffiths del.

I. Hydrocotyle. II. Marlea begonifolia. III. Impatiens stipetata.

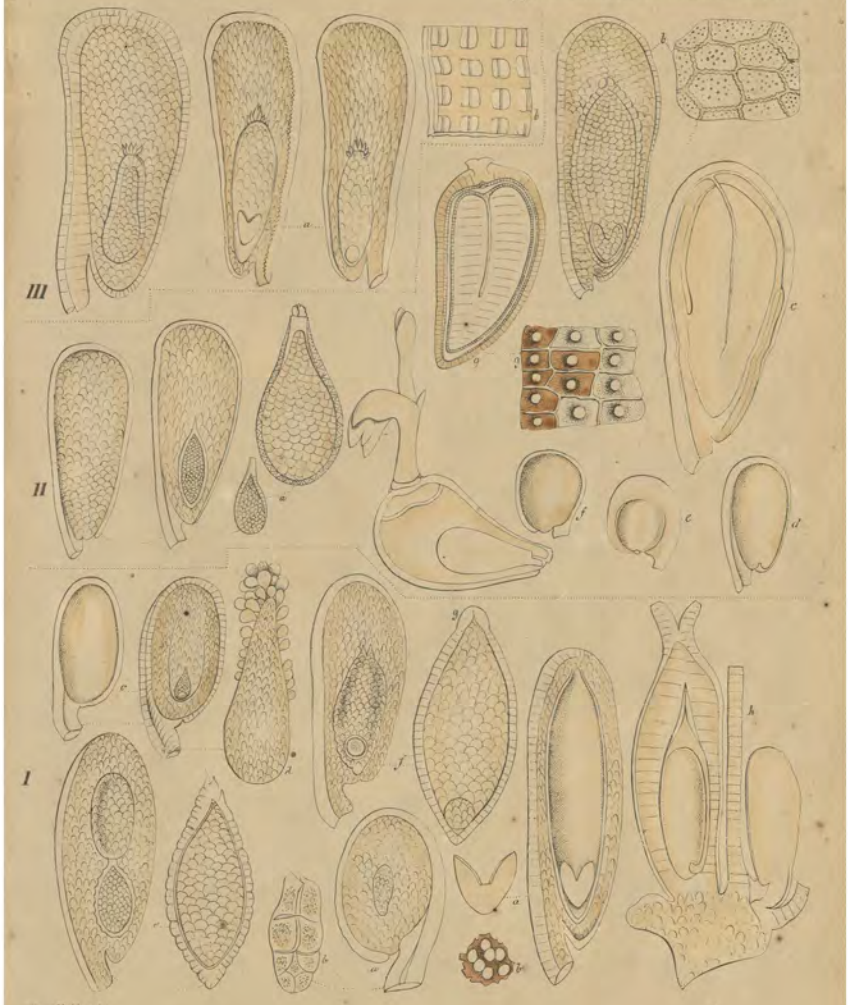


I. Adenostemma, II Piperis, III Thymelia.



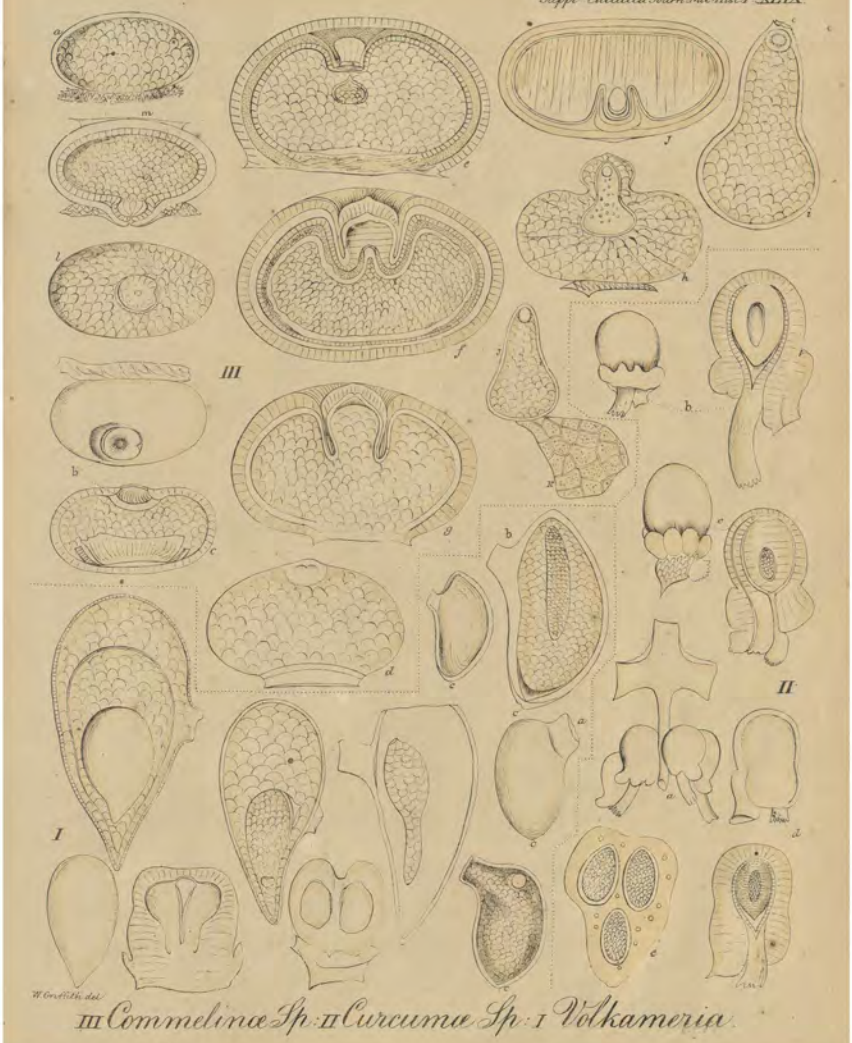
W. Griffiths del.

I Polygoni. sp. II Styrax. III Sambucus.



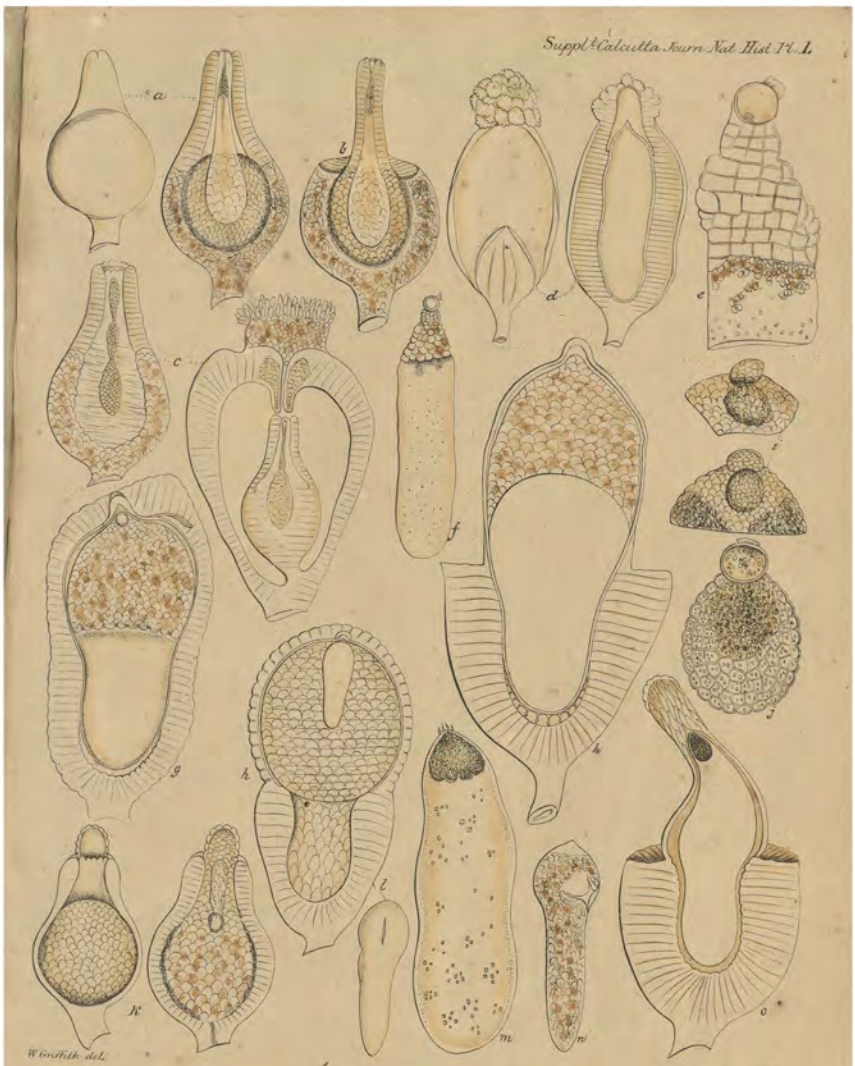
W. Griffith del.

I. *Xanthium indicum* II. *Siegesbeckia orientalis* III. *Spilanthes*

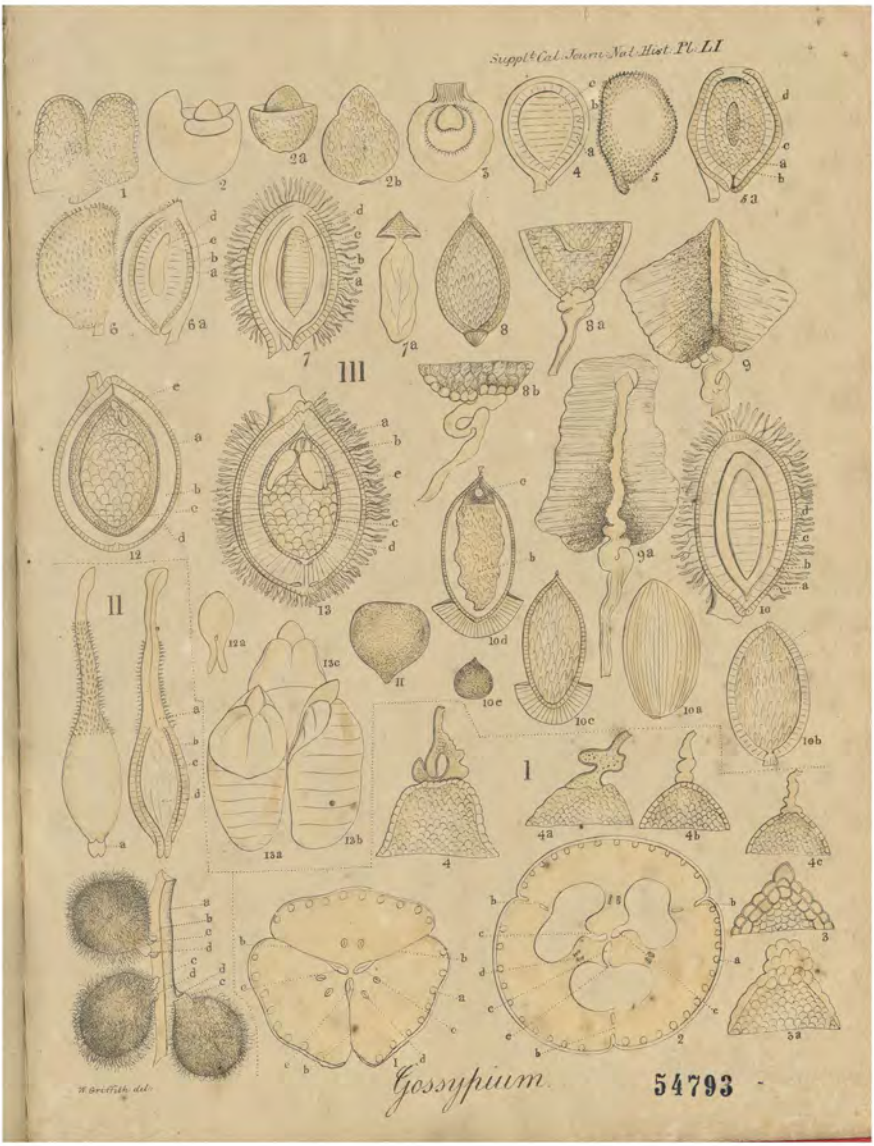


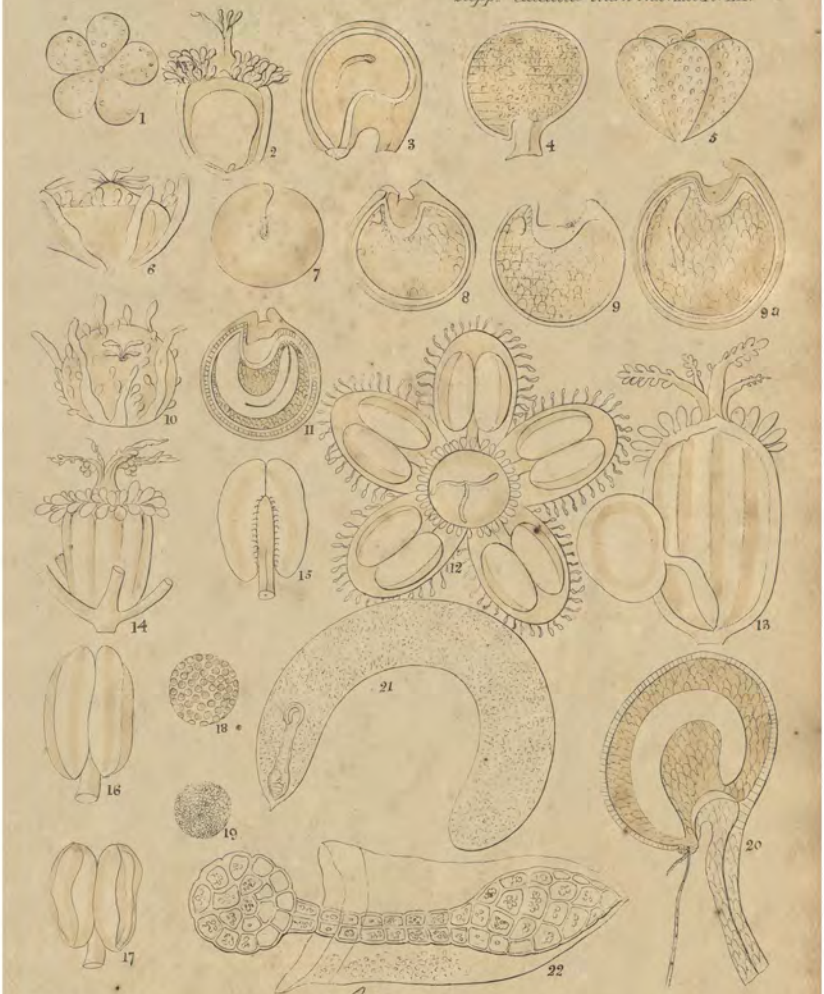
W. Griffith del.

III Commelinæ Sp: II Curcumæ Sp: I Volkameria



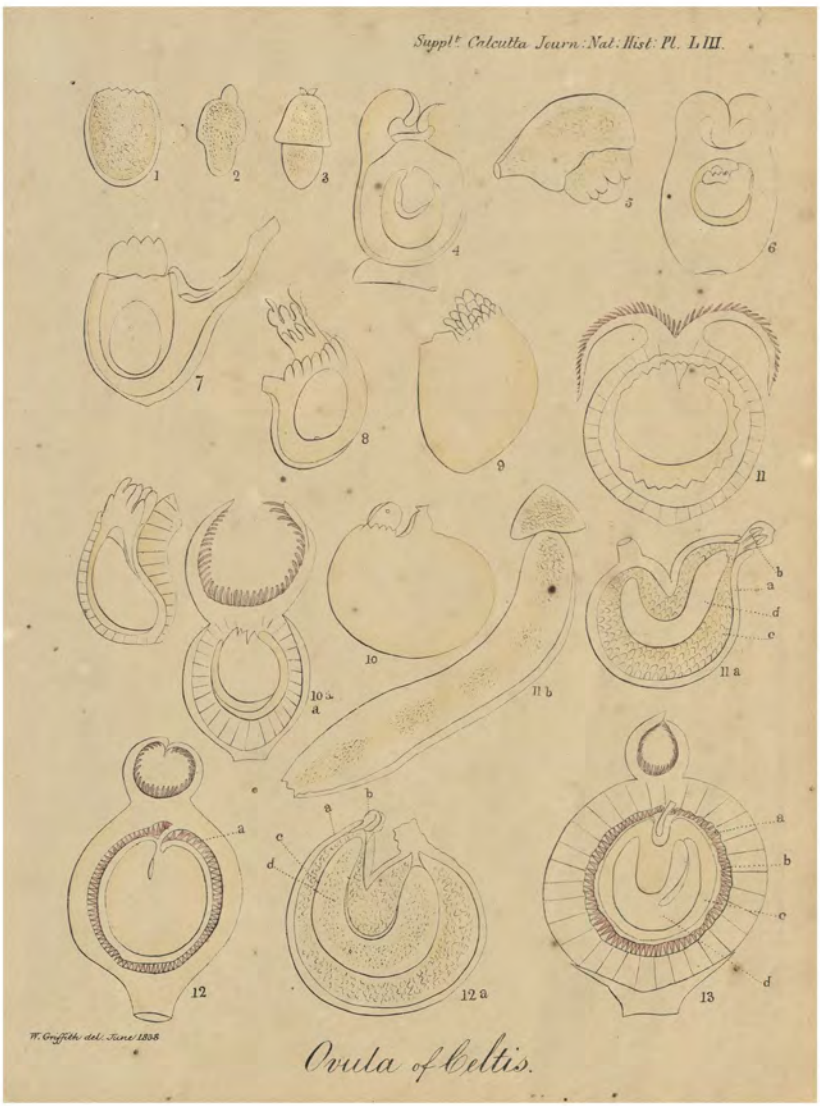
Arum orixense.


1
2
2a
2b
3
4
5
5a
6
6a
7
7a
8
8a
9
III
8b
9a
12
13
II
10
10a
10b
10c
10d
10e
12a
13a
13b
13c
4
4a
4b
4c
I
2
3
3a
H. Griffith. del.
Gossypium
54793



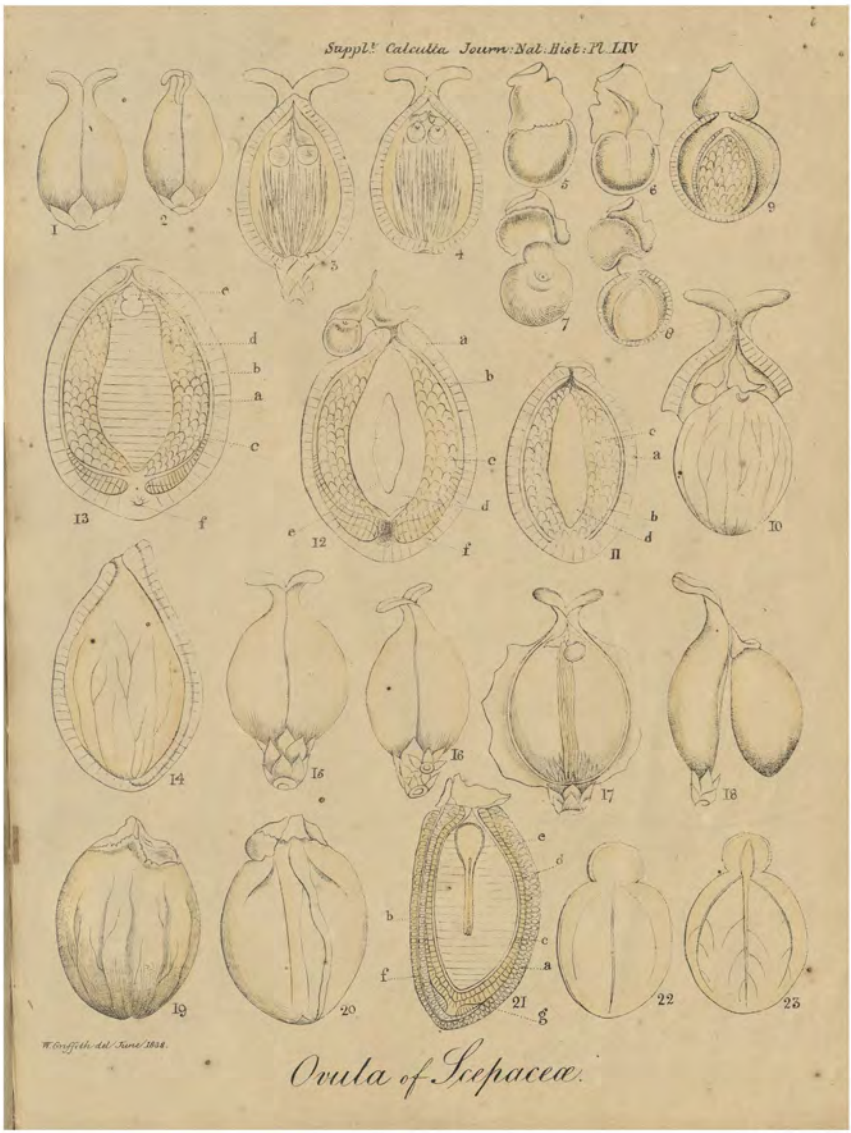
W. Griffith del.

Chenopodium

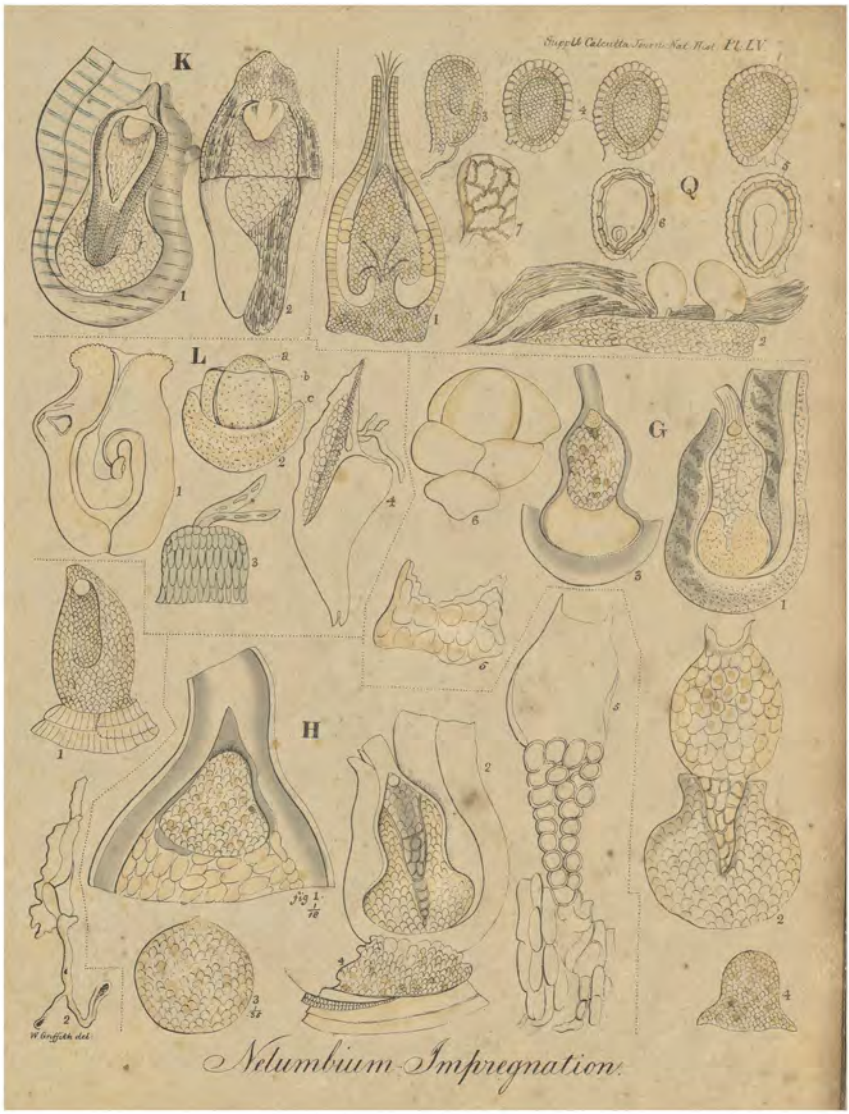


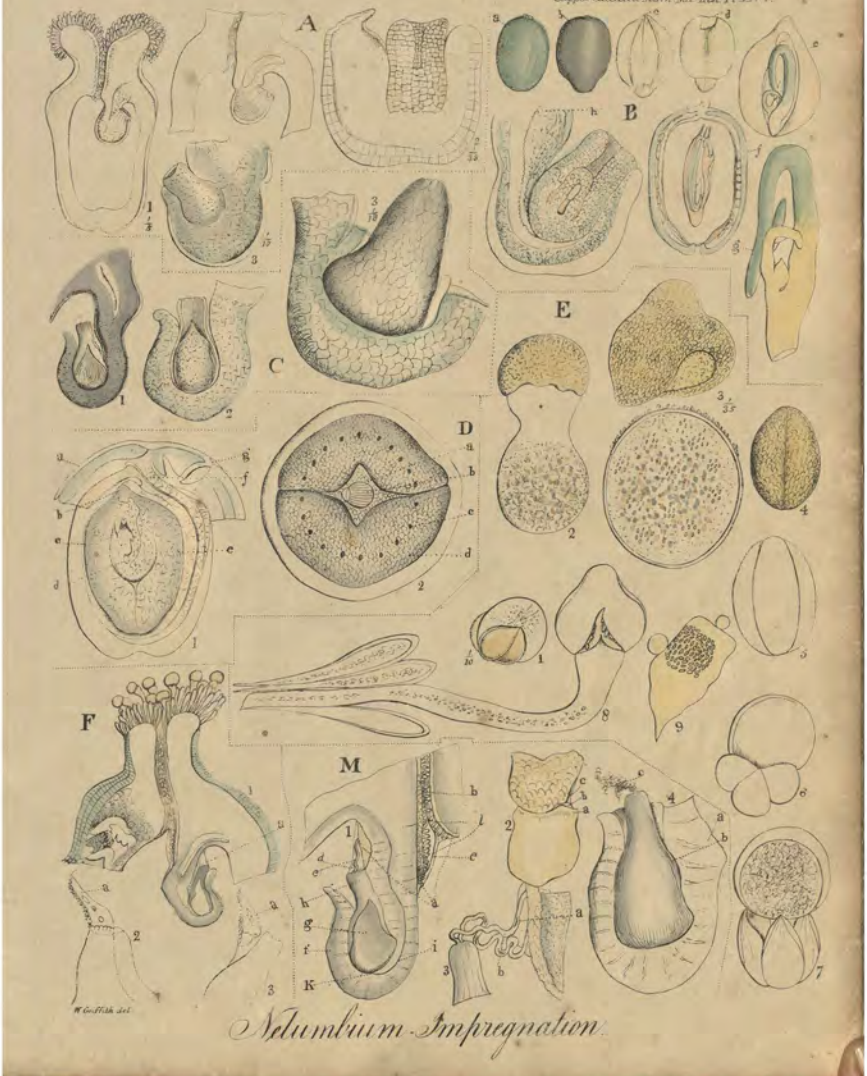
W. Griffith del. June 1838

Ovula of Celtis.

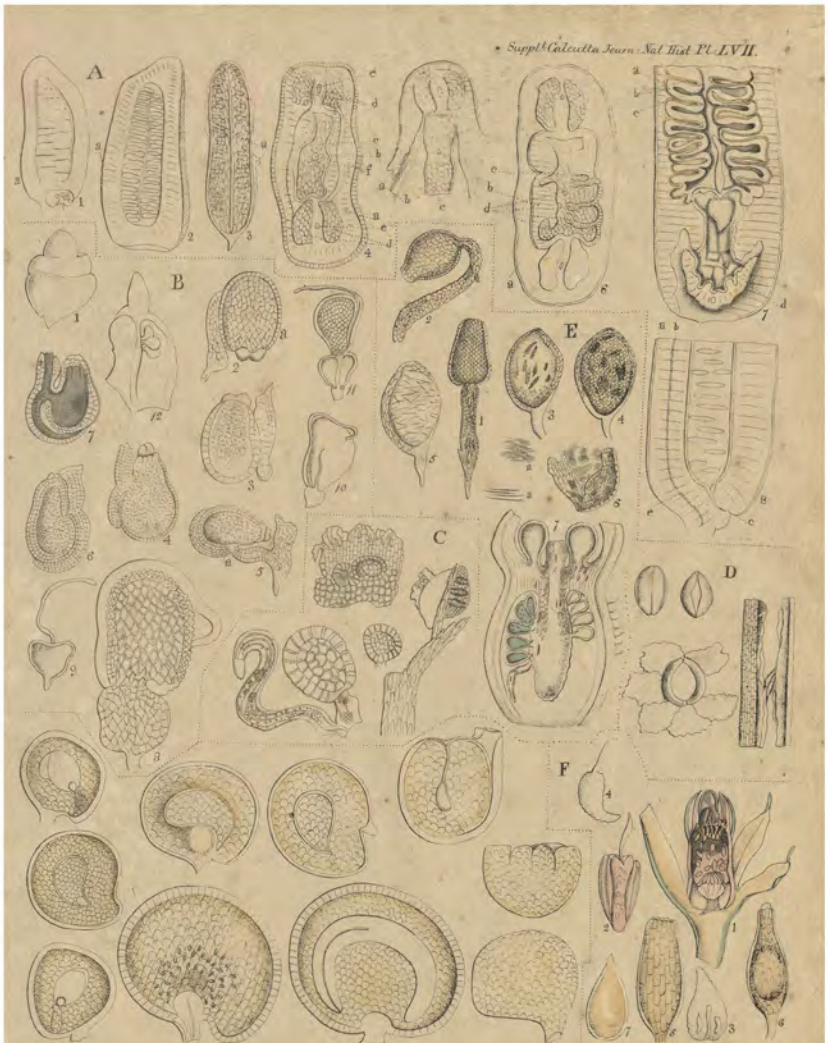


Ovula of Scepaceæ.


Suppl. Calcutta Journ. Nat. Hist. PL IV
K
Q
L
G
H
Fig 1/16
W. Griffith del.
Nelumbium Impregnation.

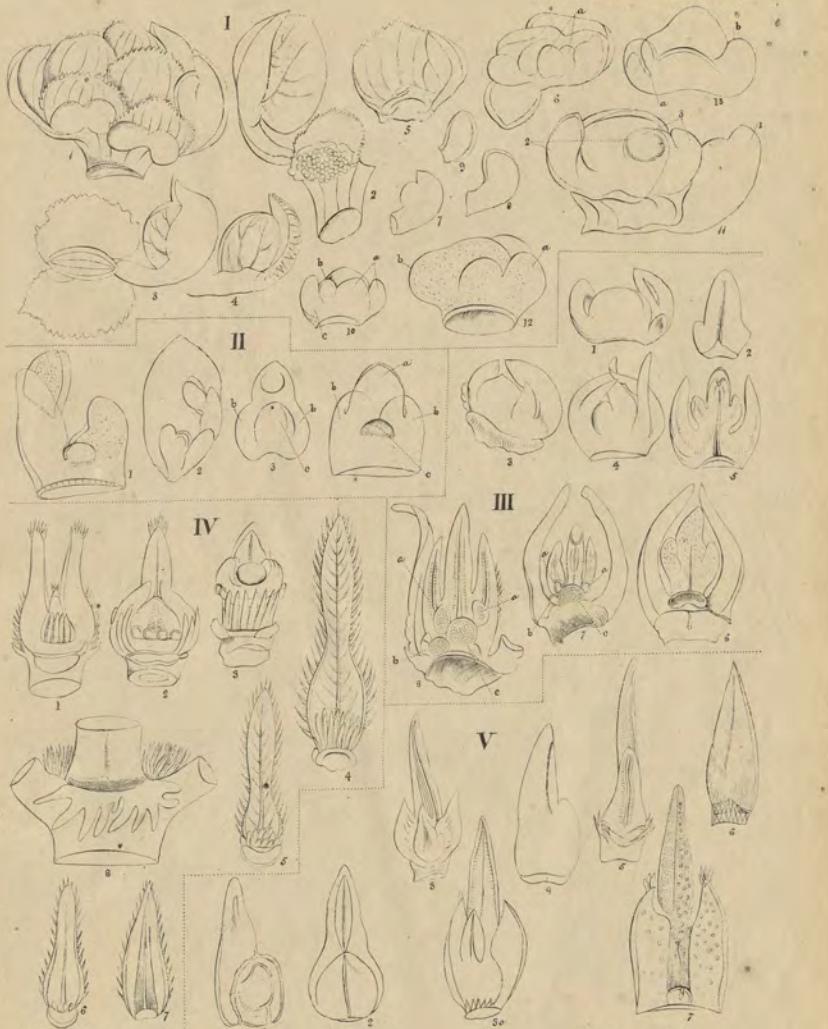


Nelumbium Impregnation

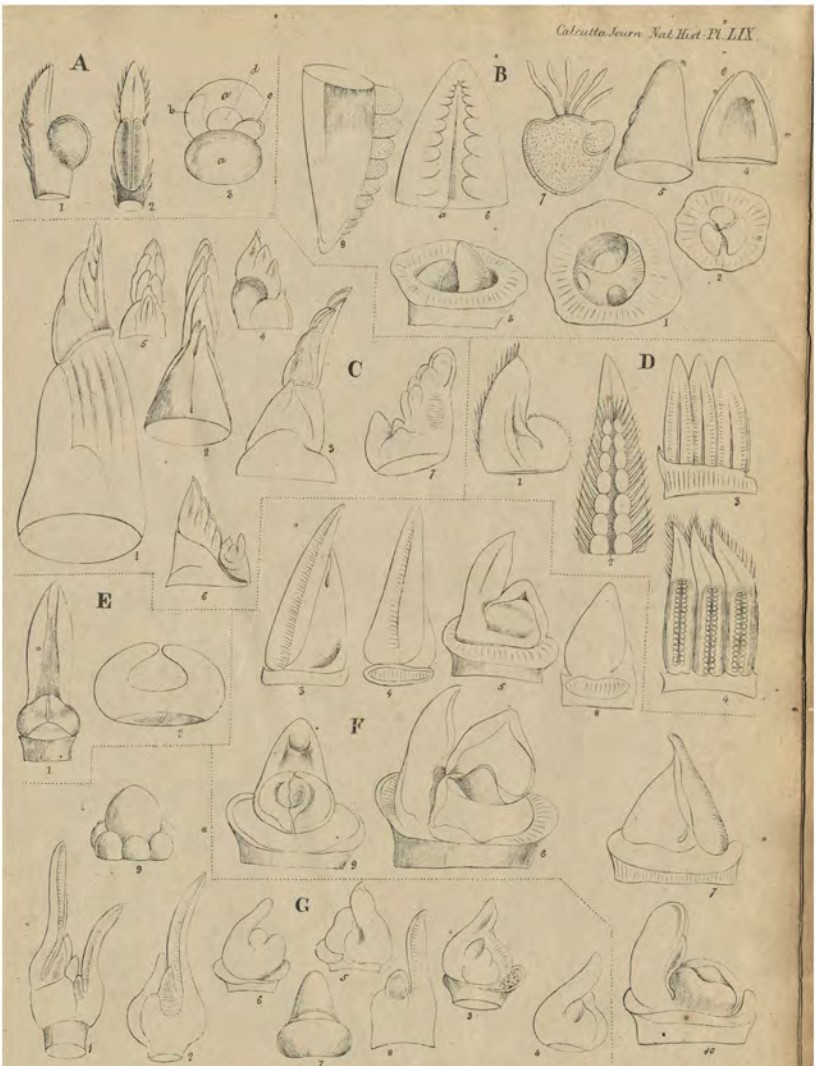


W. Griffith del.

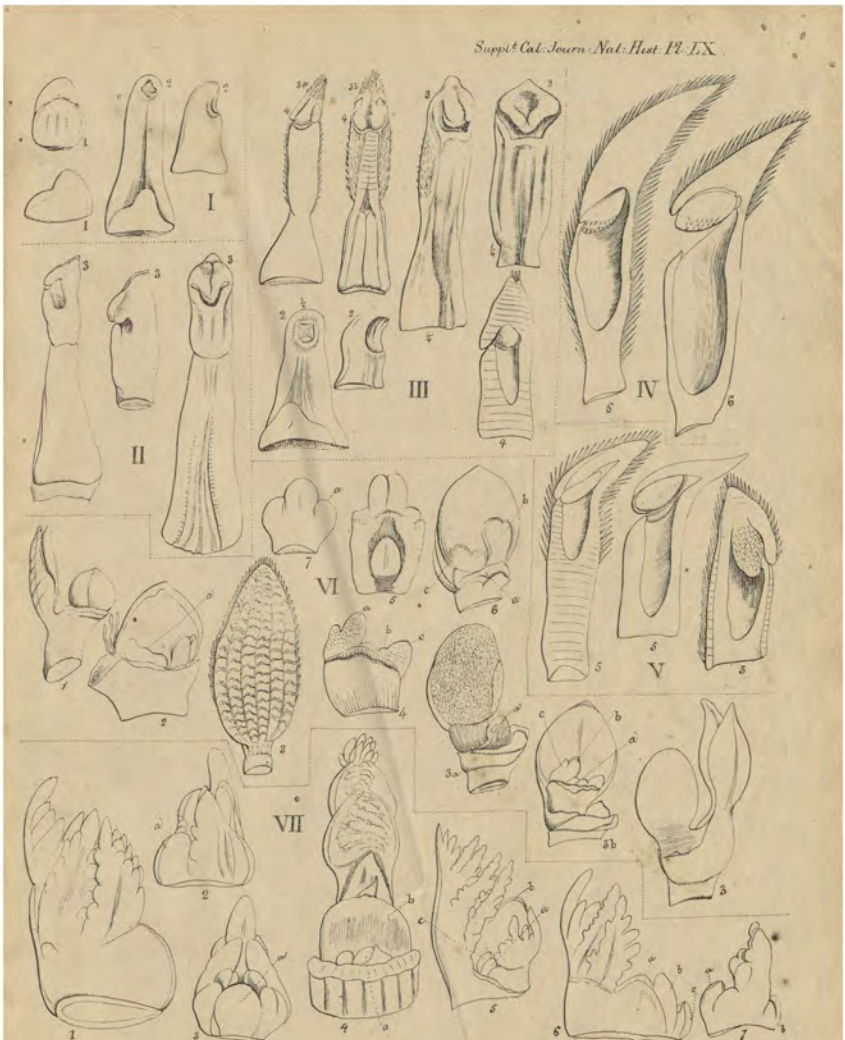
A. *Artabotrys odoratissimus* B. *Pharnaceum* & *Allantodea*
D. *Hydrocharis* F. *Barclaya*



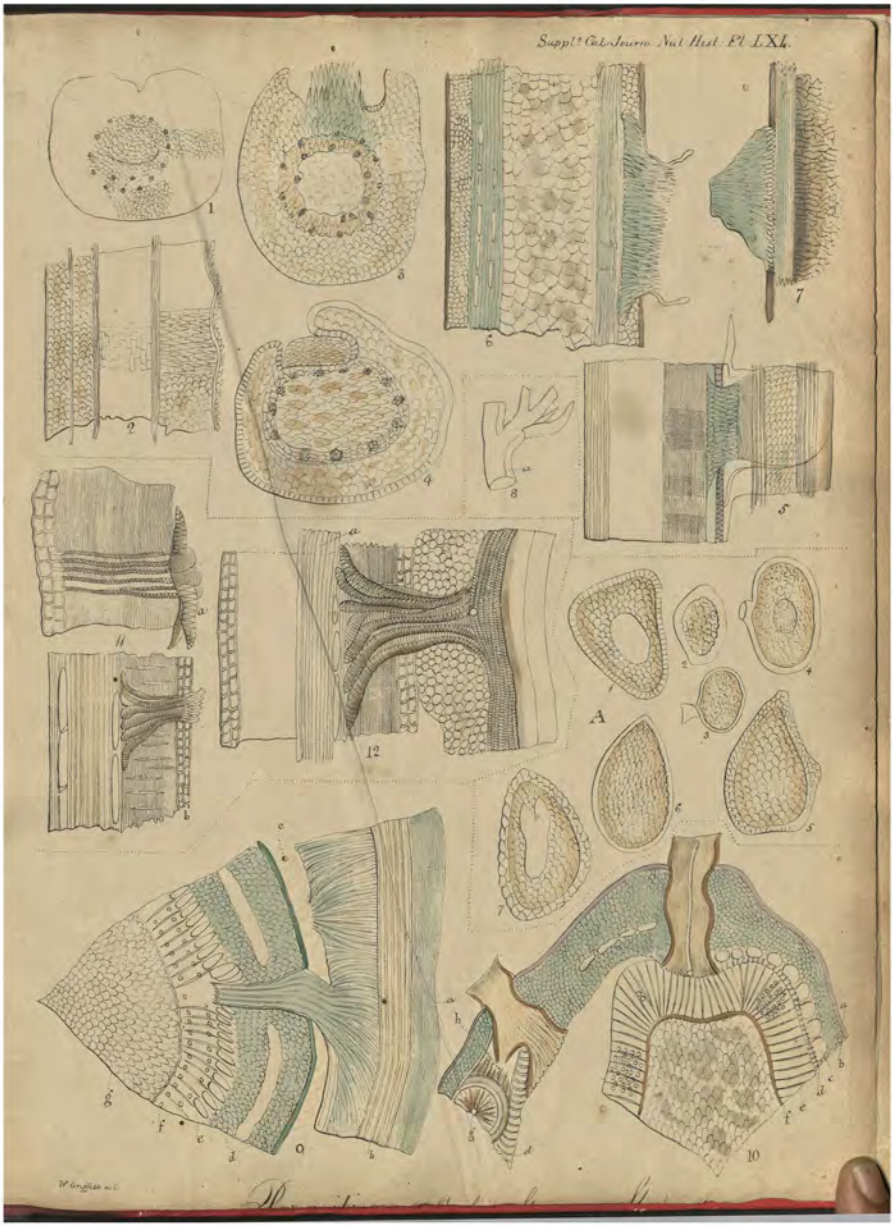
1 *Bauhinia diphylla* II. *Hymenea Courbaril* III. *Passiflora incarnata alba*
IV. *Apocynea cristata* V. *Michelia champaca*.

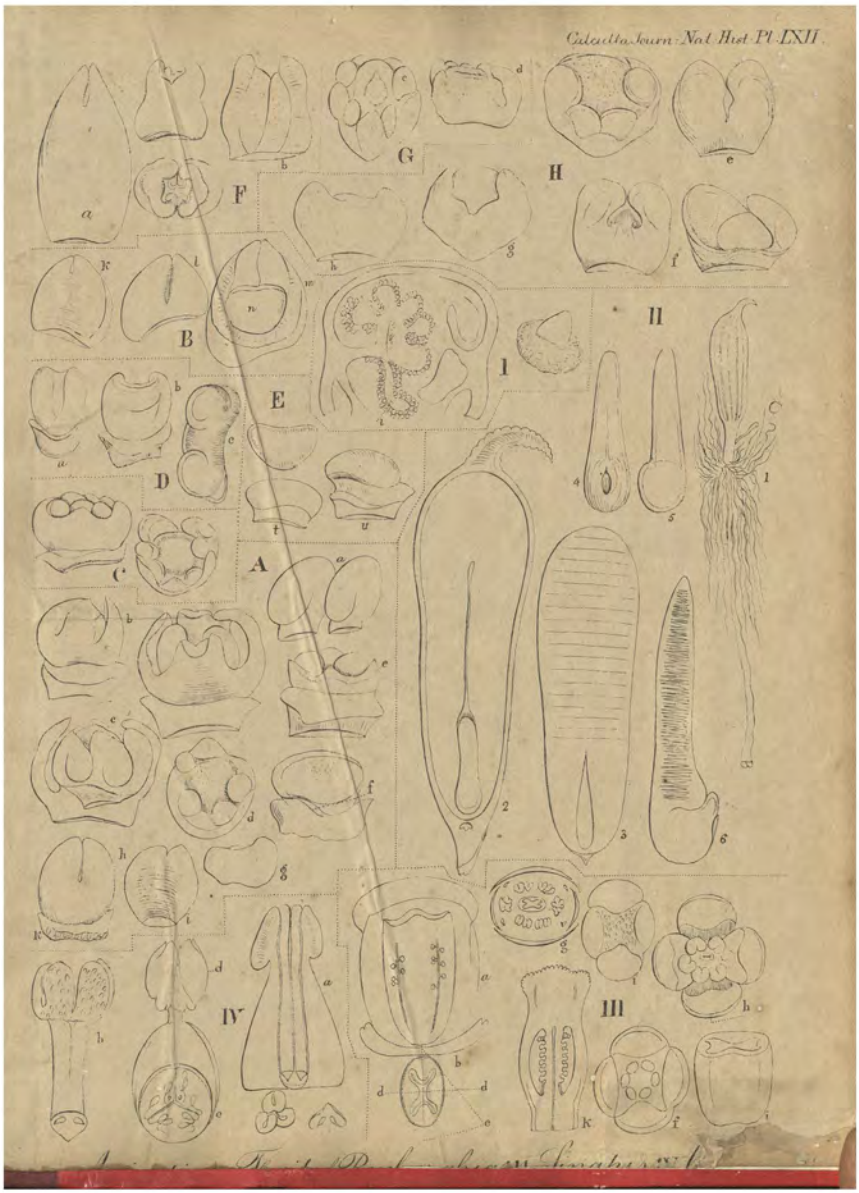


A. Bauhinia, B. Bursera serrata, C. Aralia, D. Pouciana regia
E. Bruguiera gymnorhiza, F. Ficus elastica, G. Smilax.



I.II.III.IV.V. *Nepenthes distillatoria*. VI. *Hymenaea verrucosa*.
VII. *Nandina domestica*.


1
2
3
4
5
6
7
8
11
12
A
10


G
H
F
B
E
I
II
D
C
A
IV
III

00054793

Digitized with financial assistance from the
Government of Maharashtra
on 23 March, 2016